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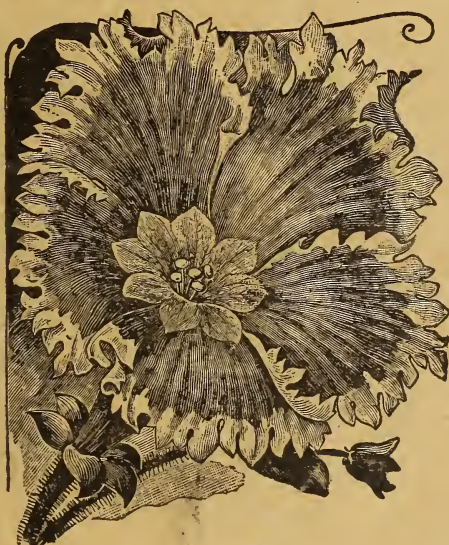
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ILLUSTRATED CATALOGUE

Field, Farm

—AND—

Garden Seeds



SPRING 1902.

ADOLPHUS WYSONG

LEBANON, INDIANA.

# Quantity of Seed requisite to produce a given number of plants and sow an acre.

	Quantity per acre.		Quantity per acre.
Artichoke, 1 oz. to 500 plants	6 oz	Grass, Meadow	2 bu
Asparagus, 1 oz. to 800 plants	1 lb	Hemp	1/2 "
Asparagus Roots	1,000 to 7,250	Horse Radish Roots	10,000 to 15,000
Barley	2 1/2 bu	Kale, 1 oz. to 5,000 plants	2 oz
Beans, dwarf, 1 pt to 100 ft. of drill	1 "	Kohl Rabi, 1/2 oz. to 100 ft of drill	4 lbs
Beans, pole, 1 pint to 100 hills	1/2 "	Leek, 1/2 oz. to 100 feet of drill	4 "
Beet, garden, 1 oz. to 100 ft of drill	7 lbs	Lettuce, 1/2 oz. to 100 feet of drill	3 "
Beet, Mangel, 1 oz to 100 ft of drill	5 "	Martynia, 1 oz. to 100 feet of drill	5 "
Brocoli, 1 oz. to 5,000 plants	2 oz	Melon, Musk, 1 oz to 100 hills	1 to 3 "
Brussels sprouts 1 oz to 5,000 plants	2 "	" Water, 4 oz. to 100 hills	1 1/2 to 4 "
Buckwheat	1/2 bu	Nasturtium, 2 oz. to 100 ft of drill	15 "
Cabbage, 1 oz. to 5,000 plants	2 oz	Okra, 1 oz. to 100 feet of drill	8 "
Carrot, 1/4 oz. to 100 feet of drill	2 1/2 lbs	Onion seed, 2/3 oz. to 100 ft. of drill	"
Cauliflower, 1 oz. to 5,000 plants	2 1/2 oz	" " for Sets	40 to 80 "
Celery, 1 oz. to 15,000 plants	2 "	Onion sets, 1 qt. to 40 ft. of drill	8 bu
Chicory	4 lbs	Parsnip, 1/4 oz to 100 feet of drill	3 lbs
Clover, Alsike and White dutch	6 "	Parsley, 1/4 oz. to 100 ft. of drill	3 "
" Lucerne	15 to 25 "	Peas garden, 1 pt to 100 ft. of drill	"
" Crimson Trefoil	10 to 15 "	" " " " " " " " " " " "	1 to 3 bu
" Large red and medium	8 to 12 "	" field	2 "
Collards, 1 oz. to 5,000 plants	2 oz	Pepper, 1 oz. to 1,500 plants	3 oz
Corn, rice (shelled)	2 qts	Pumpkins, 1/2 qt to 100 hills	3 to 4 lbs
Corn, sweet, 1/2 pint to 100 hills	6 "	Radish, 2/3 oz. to 100 ft. of drill	"
Cress, 3/4 oz. to 100 feet of drill	12 lb	" " " " " " " " " " " "	10 to 12 lbs
Cucumber, 1 oz. to 100 hills	1 to 3 "	Rye	1 1/2 bu
Egg plant, 1 oz to 2,000 plants	4 oz	Salsify, 3/4 oz to 100 feet of drill	8 lbs
Endive, 1/4 oz. to 100 ft. of drill	4 1/2 lbs	Spinage, 1/2 oz to 100 ft of drill	8 lbs
Flax, broadcast	1/2 bu	Spurry	15 "
Garlic, bulbs, 1 lb to 10 ft. of drill	"	Summer Savory	3/4 "
Gourd	2 oz to 100 hills	Sunflower	8 "
Grass, blue, Kentucky	2 bu	Squash, Summer, 4 oz. to 100 hills	2 "
" blue, English	1 "	" Winter, 8 oz. to 100 hills	2 "
" Hungarian and Millet	1/2 "	Tomato, 1 oz to 4,500 plants	1 oz
" Mixed Lawn	3 to 5 "	Tobacco, 1 oz. to 5,000 plants	2 "
" Red top, fancy clean	8 to 10 lbs	Turnip, 1 oz. to 250 feet of drill	1 to 3 lbs
" Red top, chaff seed	20 to 28 "	Vetches	2 bu
Grass, Timothy	1/4 bu		
" Orchard, Perennial Rye,			
Fowl Meadow and Wood			

## Bushel Measure of Seeds and Merchandise.

	LBS. PER BUSHEL.		LBS. PER BUSHEL.
Apples, green	48	Kaffir Corn, red	50
Apples, dried	25	Kaffir Corn, white	50
Barley	48	Millet, common	50
Beans, white	60	Millet, German	50
Buckwheat	50	Oats	32
Broom Corn	46	Onions	48
Blue Grass	14	Orchard grass	14
Corn, shelled	56	Potatoes, Irish	60
Corn, ear	68	Potatoes, sweet	55
Cane, amber	50	Peas, Canada field	60
Cane, orange	50	Rape	50
Clover seed	60	Rye	56
Cranberires	40	Red Top Grass Seed	14
Flax Seed	56	Turnips	55
Hungarian	48	Timothy Seed	45
Hemp	44		



OFFICE OF

# ADOLPHUS WYSONG,

LEBANON, IND.

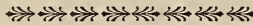


TO OUR FRIENDS AND CUSTOMERS:

In presenting to you our annual Catalogue and Price List for 1902, we take pleasure in thanking you for the liberal patronage you have given us, and respectfully ask for a continuance of the same for the future.

**Nothing** for which money is expended makes so large a return as **Seeds**, if they are **GOOD**. Nothing causes greater vexation than **WORTHLESS** seeds. If you want to avoid disappointment, don't rely on seeds peddled over the country and sold on commission—the chances are against their vegetating. **We send out no seeds on commission.**

The illustrations and descriptions are as near right as they can be made. Our prices will be found low.



## INSTRUCTIONS TO PURCHASERS.

**Terms of Sale.**—Cash must be sent with the order. This may be done either in the form of a Money Order, Bank Draft, Express Order, Registered Letter, or cash may be sent by express. Postage stamps received same as cash. Remittances in any other way are entirely at sender's risk.

**When to Order.**—We are ready to fill your order as soon as this Catalogue reaches you, so please order early.

**About Forwarding.**—Every order is executed at once upon its receipt, or a reason given why it has not been sent, so that parties ordering may know that if goods are not received in proper time, it is almost certain that the letter has not been received by us.

**Seeds are Guaranteed** to arrive safe and in good condition, due care having been given to observe faithfully the previous and following suggestions, in all cases where the order is covered by the necessary remittances.

**We Pay Postage and Expressage**, except where noted otherwise, on all seeds ordered by the packet, ounce or pound, pint or quart, but positively not by peck or bushel.

**Name and Address** should be written as plainly as possible, and care exercised to have place of residence, county and state in full, giving all shipping directions.

Yours Truly,

ADOLPHUS WYSONG.

## Seeds in Packets Lower Than Ever.

To meet the conditions of the times and help out those who do not wish to spend much money for seeds this year we make this Great Reduction.

**YOU**

CAN HAVE \$ 50 WORTH OF SEEDS IN PACKETS FOR \$ 40
CAN HAVE 1 00 WORTH OF SEEDS IN PACKETS FOR 75
CAN HAVE 2 00 WORTH OF SEEDS IN PACKETS FOR 1 40
CAN HAVE 3 00 WORTH OF SEEDS IN PACKETS FOR 2 00
CAN HAVE 5 00 WORTH OF SEEDS IN PACKETS FOR 3 00

This Puts Our Prices on Packets Right Down to the Lowest Notch.

## BEANS--Wax Pod Varieties.

### ✓ Wardwell's Kidney Wax—

The very strong-growing vine of this strain yields a large crop of long, nearly straight, handsome, very white and wax-like pods. They are of good quality and on this account, as well as their beauty of form and color, are easily sold. They ripen about the same time as the Golden Wax.

The dry beans are large, kidney shaped, white, with dark markings around the eyes. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.



WARDWELL'S KIDNEY WAX.

✓ **Improved Golden Wax.**—This variety possesses all the good qualities of the old Golden Wax, but is larger in pod and much more prolific. Excellent quality, tender, melting flavor at all stages of growth. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.



✓ **Challenge Black Wax**—The best early wax bean for the market. The plants in growth and general appearance resemble the old Black Wax or Butter Bean, and are very productive. The pods are clear waxy white, quite round, very crisp, tender and stringless. The dry bean is jet black. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.

Please remember that our prices on all beans by the pint or quart include payment of postage by us. If ordered to be sent by express or freight, 8 cents per pint or 15 cents per quart may be deducted.



## Dwarf and Green Pod Varieties.

**✓ Extra Early Refugee**—The earliest of the green podded kinds, furnishing a fleshy pod of fine quality. The vines are a little smaller and more upright growing and the leaves distinctly lighter colored than those of the late Refugee, though the dry beans are of the same size, shape and color. Our stock has been selected with great care and is extremely uniform, all the vines ripening their pods well together and long before those of the common Refugee are usable. Pks. 5c; ½ pint 10c; pint 20c; quart 35c.

**✓ Refugee, or Thousand to One**—Vines large, spreading, exceedingly hardy, with small, smooth leaves and large lilac flowers; very large, and esteemed for late planting and for use as pickles; pods long, cylindrical, green, becoming white, streaked with purple, of good quality as snaps; beans long, light drab, dotted and splashed with purple. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.

**✓ Early Mohawk**—The hardiest of the early varieties, and on this account is considered the best for early planting; pods pale green, long and flat, seeds large, kidney shaped, brown and marbled purple. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.

**✓ Extra Early Round Pod Red Valentine**—For snaps there is nothing superior to this variety among the green podded sorts, and many prefer it to the wax varieties. Vines erect, with coarse, dark green leaves and large white blossoms; pods medium length, curved, cylindrical, with crease in back, very fleshy, crisp and tender; beans medium size, long irregular, pink, marbled with red. Among green podded varieties there is none, we think, that can compare with our stock of Valentine in fleshiness and high quality of pod. Many different strains of Valentine are offered under slightly varying names, each claiming to be a great and distinct improvement. We have carefully examined them all, both in trials and large yields, and have found none which we were willing to substitute for our old stock, which combines in a high degree all the good qualities of the sort. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.

**✓ California, or Prolific Tree**—A strong grower, bearing its load of pods well up from the ground; not liable to rust; beans small, uniform in size, white and of good quality; resembles the Old Navy Bean, but is more productive; a superior field variety. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c, peck 85c, bushel \$3.25.

**✓ Improved White Navy**—Standard variety for field culture, very productive and only for culinary purposes in a dry state. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.

**✓ White Marrowphat**—Extensively grown in field crops for sale as a dry bean for winter use. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.

**✓ Henderson's Bush Lima**—This is a bush variety of the small Lima, a very rich, luscious bean that has the advantage of not requiring poles to run on, while it comes earlier into bearing. The Bush Limas are now very popular. Pkt. 5c; ½ pint 15c; pint 25c; quart 40c.

**✓ Burpee's Bush Lima**—Burpee's the only bush form of the true, luscious, large Lima. It is pronounced by all good judges as unquestionably the real Bush Lima. The bushes grow eighteen to twenty inches high, of stout growth and always erect. It is an immense yielder, the pods being filled with very large beans. Pkt. 5c; ½ pint 15c; pint 25c; quart 40c.

**✓ White Valentine**—This variety is a complete union of all qualities necessary to make a dwarf green pod bean perfect. It possesses the peculiar and valuable quality of remaining in a tender cooking condition longer than any other green-podded variety. This, together with its extreme earliness, makes it a valuable sort for spring or fall planting. The beans when ripe, are pure and white, thus enabling the grower to sell them as shelled beans at a profitable figure. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.

CLOVER AND TIMOTHY SEED  
A SPECIALTY.

**Burpee's New Stringless**—This new bush bean is one of the most desirable ever introduced, and we highly recommend it. The introducer describes it as follows: "It is most happily named, as it is quite unique—the only stringless green-pod bush bean in cultivation. Consequently it surpasses all others in crisp, tender flavor. The illustration herewith taken from nature, shows the width and thickness of the beautiful straight, green pods; all are absolutely stringless and of the beautiful, fleshy appearance shown. The pods are ready to market two weeks earlier than the best stock of Improved Extra Early Red Valentines, in fact earlier than the Early Yellow Six Weeks, which, as all know, is valuable only for its extra earliness, being of an inferior quality. Burpee's Stringless green-pod is of immense value, not only to the market gardener who wants to make more money, but also to the amateur who seeks finest quality for the home. Pkt. 5c; ½ pint 15c; pint 25c; quart 40c.



## POLE BEANS.

**Early Large White Lima**—A greatly improved variety of excellent quality. Vine tall growing and vigorous; leaves medium size, light green; blossoms small, white; pods borne in clusters; long, broad, very thin, dark green; beans large, kidney shaped, greenish-white, flat. Pkt. 5c; ½ pint 15c; pint 25c; quart 35c.

**King of the Garden Lima**—Claimed to be larger, stronger growing, more productive, and with larger pods and beans than the Large White Lima. On account of its large pods it is a favorite with market gardeners in many places. It will come into bearing sooner, and will make larger pods if not more than two vines are left to grow on a pole. Pkt. 5c; ½ pint 15c; pint 25c; quart 40c.

Please remember that our prices on all Beans by the pint or quart, include payment of postage by us. If ordered to be sent by express or freight, 8 cents per pint or 15 cents per quart may be deducted.



**Speckled Cut-Short or Corn Hill--**

An old variety, very popular for planting among corn, and will give a good crop without the use of poles; vines medium, with dark-colored, smooth leaves; pods short cylindrical and tender. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.

**Horticultural, or Speckled Cran-**

**berry**—A round, speckled, bean, equally good as a snap or shelled bean; used both in the green and dry state. Pkt. 5c; half-pint 10c; pint 20c; quart 35c.

**Lazy Wife**—The most popular pole bean grown. Pods are wonderfully broad, thick, and above all entirely stringless. They surpass any other variety in the way vines cling to the poles, and every bean grower will at once acknowledge this a most important qualification. Pods are rather flattish, oval shape, and when fully grown are from four to six inches long exceedingly rich, buttery and fine flavored when cooked. They are hardy, easily grown and most productive. For an early and late snap sort also as a dry shell or winter bean it is unsurpassed, and such is the peculiar taste and pleasing flavor of this bean that we have known persons who would not eat other varieties of string beans after tasting Lazy Wife. Pkt. 5c; half-pint 10c; pint 20c; quart 15c.



## WE PAY POSTAGE AND EXPRESSAGE

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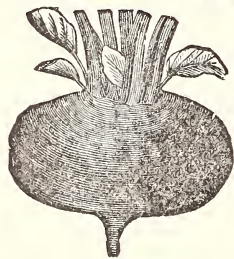
**Kentucky Wonder**—Vine vigorous, climbing well and very productive, bearing its pods in large clusters, blossoms white; pods green, very long, often reaches nine or ten inches, nearly round when young, and very crisp, becoming very irregular and spongy as the beans ripen. Dry beans long, oval, dun colored. A very prolific sort, with showy pods, which are most excellent for snaps. It is sometimes catalogued as being the same as Southern Prolific, but this is an error, as the latter is two weeks later, has shorter pods which never become spongy or irregular in shape as they mature, and the dry bean is fully one-fourth smaller. Pkt. 5c; 1-2 pint 15c; pint 25c; quart 40c.

**Dutch Case Knife**—Vines moderately vigorous, climbing well, but twining more loosely than some, and so may be used for a corn hill bean. Leaves large, crumpled; blossoms white; pods very long, flat, irregular, green, but becoming creamy-white; beans broad, kidney-shaped, flat, clear white, and of excellent quality, green or dry. Pkt. 5c, ½ pint 15c, pint 25c, quart 40c.



KENTUCKY WONDER.

## TABLE BEETS.



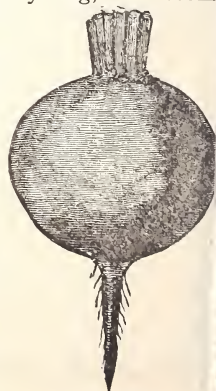
EGYPTIAN.

**Extra Early Egyptian Blood Turnip**—The best variety for forcing. Excellent for first early crop out of doors, being very early with small top. Leaf stems and vines dark red, leaf dark green, dotted with red, rounded on top, but flat beneath, with very small tap root; flesh dark red, zoned with lighter shade; hard crisp and tender when young, but becoming woody with age. Pkt. 5c; oz 10c; lb. 50c.

**Long, Smooth Blood**—The standard long, late sort. Very dark, blood-red flesh, quality fine. Pkt. 5c; oz. 10c; lb. 50c.

**Edmond's Blood Turnip**—This variety has handsome, blood red roots, which are always round, smooth, and uniform in shade and of good marketable size, seldom growing too large, as with many varieties. The flesh of this beet is unusually sweet and good, and tops are small. Pkt. 5c; oz. 10c; lb. 50c.

**Early Eclipse**—An improved extra early sort. Tops small, dark purplish green shading to lighter color on outside of leaves. Roots nearly globular, with small tap root and a very small collar. Flesh dark red, zoned with a lighter red, very sweet, crisp and tender, especially when young. One of the most desirable sorts for bunching. Pkt. 5c; oz. 10c; lb. 50c



ECLIPSE.

✓ **Golden Tankard**—A superior strain of yellow or golden-fleshed mangel; root half long and very large; an enormous cropper. It is particularly rich in milk producing qualities, and on this account is highly prized by dairymen. Pkt. 5c; oz. 10c; lb. 50c.

## CARROTS.

✓ **Danvers**—Grown largely everywhere on account of its great productiveness and adaptability to all classes of soil. Tops medium size, coarsely divided. The smooth and handsome roots are deep orange, of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender and of a deep orange color. This variety, although the roots are shorter, produces as large a bulk as the longer field sorts, and is more easily harvested. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c.

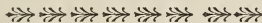
✓ **Improved Long Orange**—The most popular of the older sorts for use on mellow soil. An improvement obtained by years of careful selection of the best formed and deepest colored roots of the old Long Orange. Roots proportionately shorter than the Long Orange, and smoother, but so uniform and true that the bulk of the crop will be greater. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c.

✓ **Gueranda, or Ox-Heart**—This is one of the most valuable sorts, either for family use or market. Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of the most beautiful shape and color. It is of extra quality and very productive. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c.

✓ **Yellow Belgian**—A good field variety, similar to White Belgian in shape and size, but of orange color. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c.

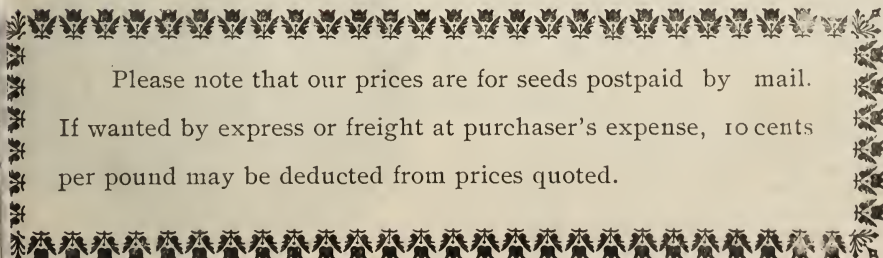
## CAULIFLOWER.

✓ **Early Snowball**—Very early, and one of the surest to make fine large heads. If planted March 1st, large sized heads will be produced early in June, about one week earlier than other sorts, and scarcely a single head will fail to form. The outer leaves are short, allowing the plants to be set closer together than most varieties. Its dwarf, compact habit of growth renders it one of the best for forcing under glass. Although cultivated principally for an early crop, it does equally well for late planting. Pkt. 10c; oz. \$3.00.



Please note that our prices are for seeds postpaid by mail.

If wanted by express or freight at purchaser's expense, 10 cents per pound may be deducted from prices quoted.





## Cabbage—Early and Summer Varieties.

✓ **Early Winningstadt**—A very fine extra early cabbage. It is larger than the Wakefield, not quite so early; for this reason it is not used as much by market gardeners as Wakefield, but for the home garden it is the most popular of all early varieties. Pkt. 5c; oz. 15c; lb. \$1.75.

✓ **Early Jersey Wakefield**—The best early variety of cabbage, and the one most extensively grown for home and market. The heads are of medium size, pyramidal, pointed, firm and solid with few outside leaves; they are very uniform in shape, size and time of maturing, and are of good quality. The variety fully deserves its wide popularity. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.

✓ **Early York**—An early variety, heads small, heart-shaped, firm and tender; of very erect and dwarf habit, so that they may grow fifteen or eighteen inches apart. Pkt. 5c; oz. 20c; 2 oz. 35c;  $\frac{1}{4}$  lb. 60c; lb. \$1.50.

✓ **Henderson's Early Summer**—The standard summer variety. Unexcelled for the market gardener and good for home use. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  pound 60c; lb. \$2.

### EXTRA EARLY EXPRESS



✓ **All Head Early**—This is one of the finest early flat-head sorts. It is always sure to head. It has few outer leaves, being as its name implies, all head. Pkt. 5c; oz. 25c; lb. \$2.75.

✓ **All Seasons**—An excellent variety for any season. It can be used as a summer or fall variety. It is best of any for this purpose. Head of fine shape: quality excellent. Pkt. 5c; oz. 20c; lb. \$1.75.

✓ **Early Spring Cabbage**—The earliest flat headed variety, very solid and of the best quality. A wonderfully compact plant with outer leaves so that a great number of large solid heads can be produced on an acre. Although it does not come to full



EARLY WINNINGSTADT.

✓ **Extra Early Express**—An extra early sort, in which the plants are compact, with thick round leaves, and form an oval head, which is astonishingly large for the size of the plant. The heads are proportionately thicker and less pointed than those of the Jersey Wakefield, and it is only slightly later than that sort. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

✓ **Early Dwarf Flat Dutch**—Continued experience confirms our belief that this is the best early round-headed sort. The plants are short stemmed and upright, with comparatively few and short leaves, so that they can be planted closely. Heads large, solid, maturing as early as early summer, and stand long without bursting. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.



LOUISVILLE DRUM HEAD.

maturity as soon as Jersey Wakefield it becomes solid enough for use about as early and is by far the best early sort for those markets that demand a cabbage of the Flat Dutch type. The plant is vigorous, with short stem. The leaves are large, broad and of peculiar light green color. The heads are oval and very large for the size of the plant, nearly equaling those of the later kinds. Pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. 80c; lb. \$3.00.

## Late Varieties.

**Louisville Drumhead**—This variety is gaining in popularity as a summer and winter cabbage. Following early Summer, heads very large and solid, few outer leaves, stem short, resists heat and drouth to a remarkable degree, and stands a long time without bursting, a good one, try it. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

**Surehead**—This popular cabbage is rightly named Surehead, and never fails to make a remarkable fine, solid, large head, with few outer leaves. It originated some years since with a practical gardener, by crossing the Flat Dutch and the Drumhead varieties, and has always brought the highest price in our markets. It is strong, vigorous, ripening late for a main crop, and very uniform in size and color. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$2.00.

**Hollander**—This is one of the hardiest cabbages in cultivation and endures both frost and drouth that would destroy other varieties. Quite a distinct sort. Plants rather long stemmed, but compact; the leaves are very smooth but thick. The head is of the medium size, round and very solid, being the hardest headed cabbage we know of, and of the very best quality. Matures quite late and keeps well, and is considered by many the best cabbage to hold over for spring markets. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.25.

**American Savoy**—Very valuable variety being of much finer flavor and quality than the best of other cabbage. Particularly adapted for private use, where quality, rather than quantity is desired. Grown in fall and allowed to be touched by frost, it is one of the most delicious of all vegetables. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**Large, Late Drum Head**—A favorite winter variety; extra large, solid heads; slightly later than the Flat Dutch. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**Fottler's Improved Brunswick**—This has proved to be a most excellent acclimated second early variety. It is low on the stump, heads solid and compact, weighs from ten to fifteen pounds each, and is sure to head. From seed sown in March, good-sized heads can be marketed in June. A very valuable variety. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.50.

**Premium Flat Dutch**—This old variety is yet largely grown for late or main crop, being a favorite winter market variety. Heads very large, solid and broad, with flat tops of fine flavor and quality, very short stems. Pkt. 5c; oz. 15c; 1-4 lb. 50c; lb. \$1.75.

**Faultless**—Best second early sort ever grown. It is absolutely faultless, sure to head; large and firm, few leaves, vigorous constitution, rapid grower, and superior for both fall and winter. Excellent keeper. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.50.

**Early Blood-Red Erfurt**—True to type, uniformly producing, very hard heads of intense blood-red color, but very small in size, very early. Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.50.



AMERICAN SAVOY.

## CELERY.

**White Plume**—For fall and early winter use this is the most popular celery. The heart and stock is naturally white, consequently requires very little blanching to be fit for the table. Its eating qualities are equal to the very best of the older sorts, being crisp, solid and of a pleasing nutty flavor, while its white, feather-like foliage places it ahead of all others as a table ornament. Pkt. 5c; oz. 20; 1-4 lb. 65c.



✓ **Golden Self-Blanching**—This is without doubt the best celery for early use. The ribs are perfectly solid, crisp, brittle, and of delicious flavor, surpassed by no variety, while it has the decided merit of being self-blanching to a very remarkable degree. The heart is large, solid and of a beautiful, rich, golden-yellow color. It is an excellent keeper. Pkt. 5c; oz. 25c; 1-4 lb. \$1.00.

✓ **Dwarf Golden Heart**—A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper and of fine, nutty flavor. An excellent, showy and desirable variety for both market and family use. Pkt. 5c; oz. 30c; 1-4 lb. 50c.

✓ **Kalamazoo**—A celebrated market sort, of large, neat and rapid growth, and showy appearance. It is remarkable for the even, uniform growth of its stalks, which are close growing, large, thick, solid, crisp and delicious. A good-keeping, first-class celery. Pkt. 5c; oz. 20c; 1-4 lb. 45c; 1b. \$1.25.

## CUCUMBER.

✓ **Improved Early White Spine**—An excellent variety for table use. Very early, grows uniformly straight and smooth; light green with white speckles; tender, of excellent flavor. Very popular. Pkt. 5c; oz. 10c; 1-4 lb. 20c, 1b. 50c.

✓ **Early Russian**—Earliest and hardiest. Vines productive. Fruit three to four inches long; thick oval pointed at each end, covered with fine, small spines. Good for table, but not of value for pickling. Pkt. 5c; oz. 10c; 2 oz. 15c; 1-4 lb. 20c; 1b. 50c.



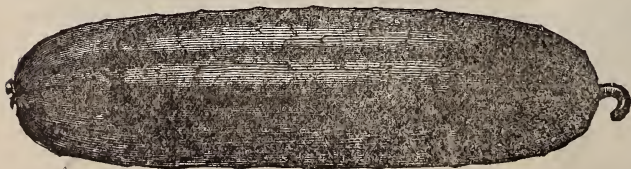
CHICAGO PICKLING.

✓ **Chicago Pickling**—A variety largely used by pickle manufacturers, of medium size, a prolific bearer, and combines all the good qualities of an early cucumber. Pkt. 5c; oz. 10c; 1-4 lb. 25c; 1b. 60c.

✓ **Early Cluster**—Vines vigorous, producing the bulk of the crop near the root, and in clusters. Fruit short, holding full size to each end. Pkt. 5c; oz. 10c; 1-4 lb. 20c; 1b. 60c.

✓ **Early Short Green**—An excellent sort, both for table use and for pickling. Plants very vigorous and productive. Fruit straight, handsome, smaller at each end, bright green, lighter at blossom end, with crisp, tender flesh, and makes excellent pickles. Pkt. 5c; oz. 10c; 2 oz. 15c; 1-4 lb. 20c; 1b. 50c.

✓ **Evergreen White Spine**—The most popular of all white spined varieties. Of beautiful shape and color. It remains in the green state longer than any other variety. Pkt. 5c; oz. 10c; 1-4 lb. 20c; 1b. 60c.



IMPROVED LONG GREEN.

✓ **Improved Long Green**—The leading variety of long, green cucumber, 12 to 16 inches long; of excellent quality; dark green, firm and crisp; most extensively grown. Pkt. 5c; oz. 10c; 1-4 lb. 20c; 1b. 60c.

✓ **Early Frame**—Excellent variety for table use; tender and well-flavored, and keeps green longer than any other variety; also makes splendid hard, green pickles. Pkt. 5c; oz. 10c; 1-4 lb. 20c, 1b. 60c.



✓ **Parisian Prolific Pickling**—This is a French sort; a very poor seeder, but distinct and valuable. The fruit is very long, slender, cylindrical, densely covered with fine prickles, and deep, rich green color. The flesh is very crisp and tender, making it one of the best for slicing as well as for pickles. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c.

✓ **Green Prolific, or Boston Pickling**—One of the most prolific of the pickling sorts. We can recommend it highly for the home and garden. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c.



✓ **New Climbing Japanese**—Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, fence, etc., saving valuable space in small gardens. It is very prolific, from 40 to 60 cucumbers having been grown on single plants; fruit cylindrical, about ten inches long, thick and of fine flavor. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.

## LEEK.

Leek belongs to the onion family, and by some is preferred to that vegetable. Sow the seed and care for young plants same as for onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goose quill, transplant to a prepared bed in rows one foot apart and four or five inches to the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

✓ **Musselburgh.**—A hardy popular sort, with broad-spreading leaves and very large stalks. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.



GREEN SCOTCH KALE.

## KALE.

✓ **Tall Curled Scotch**—A hardy grower of excellent quality. Pkt. 5c; oz. 10c; lb. \$1.00.

✓ **Dwarf Curled Scotch**—The most popular sort; quality excellent. Very hardy. The best for market gardeners. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

CLOVER AND TIMOTHY SEED A SPECIALTY.

## CRESS, OR PEPPER GRASS--Curled,

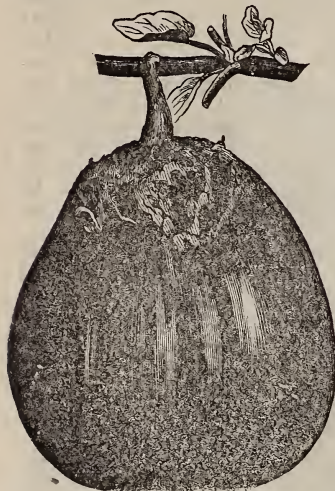
**True Upland**—Grows similar to spinach and used exactly as water cress. Its usage should be more general, as it is as easy of culture as spinach. It is a perennial plant, and can be grown for several years without renewal. Pkt. 5c; oz. 50c.



UPLAND CRESS.

## MUSTARD.

**White and Brown**—Both varieties are sown like cress, and used as it is, as a small salad. The seed of the white has proved useful in dyspepsia. From the seed of the brown is manufactured the condiment in daily use. Pkt. 5c; oz. 10c; 1-4 lb. 15c; lb. 40c.



NEW YORK EGG PLANT

## EGG PLANT.

**Improved Large Purple**—Fruit remarkably large, often measuring twelve inches in depth and nine inches in diameter, weighing five to six pounds. Skin deep purple with occasional stripes of green about the stem. Pkt. 5c; oz. 30c.

**New York Improved Purple**—A superior market variety. It grows to a large size, oval shaped and dark purple color. Pkt. 5c; oz. 40c; 1-4 lb. \$1.00.

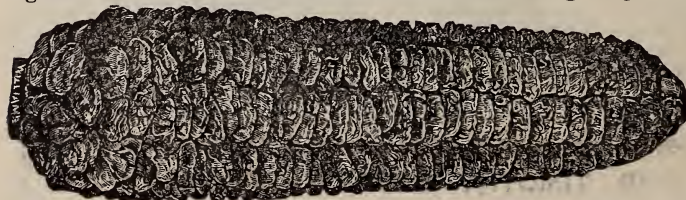
## SUGAR CORN.

**Country Gentleman**—This is the variety par-excellence for quality. It is medium early, grows zig-zag, grain long, flavor beyond description; excellent for canning. Pkt. 5c; pint 15c; qt. 30c; pk. 75c.

**Stowell's Evergreen**—Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grain deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has

been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts. Pkt. 5c; pint 15c; qt. 30c; pk. 75c.

**Early Minnesota**—This old and deservedly popular variety is one of the best early sorts for the market and private garden. Stalks short and not suckering, bearing one or two ears well covered with husks; ears long, eight rowed, kernels very



EARLY MINNESOTA.

broad, sweet and tender, not shrinking much in drying. By careful selection we have developed a stock of this standard variety which is remarkably uniform and in which





BALLARD, OR CHICAGO MARKET.

✓ **Ballard or Chicago Market**—The largest and best early corn in existence: twelve rowed, large eared, white cobbed, of choice quality and exceedingly productive. Pkt. 5c; pint 15c; qt. 30c; pk. 75c.

all the good qualities which have made its so popular are intensified. Pkt. 5c; pint 15c; qt. 30c; pk. 75c.

## LETTUCE.

✓ **St. Louis Market**—The best head lettuce. Popular with Chicago market gardeners. The best for summer use. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.00.

✓ **Black Seeded Simpson**—The leaves are very large and form a compact mass rather than a distinctive head. They are thin, very tender, and of a superior quality and exceedingly popular among market gardeners. Pkt. 5c; oz. 10c; 1-4 lb. 35c; lb. \$1.

✓ **Grand Rapids Forcing**—As a forcing variety for winter and early spring use, this stands at the head of the list. It is beautiful in appearance, a strong grower, very tender and crisp, and retains its freshness a long time after being cut. Pkt. 5c; oz. 10c; 1-4 lb. 35c; lb. \$1.00.

✓ **Early Prize Head**—Forms a mammoth plant, in which even the outer leaves are crisp and tender, and remain so throughout the season. It is slow to run up to seed, of supreme flavor and very hardy. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.00.

✓ **Buttercup**—Seed white. Plants medium size, with enormous round, smooth leaves, which are of a beautiful yellow color, and very sweet and tender. They form a medium-sized, fairly solid head, which, when prepared for the table, are exceedingly attractive in appearance. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.00.

✓ **Hanson**—Splendid out-door lettuce; heads very close, solid and large, crisp, tender, sweet; green outside, white within. Pkt. 5c, oz. 10c; 1-4 lb. 30c; lb. \$1.00.



CHARTIER HEAD.

✓ **Simpson's Early Curled**—Seed white. Similar to the last, but the plant is smaller and decidedly darker in color, and the leaves are more frilled and blistered. Popular in New York markets. Pkt. 5c; oz. 10.; 2 oz. 20c; 1-4 lb. 30c; lb. \$1.00.

✓ **Early Curled Silisia**—Seed white. An early, erect growing, loose heading variety, which may be used very young, when it is exceedingly sweet and well-flavored. Color light green, leaves much frilled and savoyed. Pkt. 5c; oz. 10c; 2 oz. 20c; 1-4 lb. 30c; lb. \$1.00.

✓ **Chartier**—A fine, large heading sort. Thoroughly tried, and found to possess great merit. As will be seen in the cut, it grows very large. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.00.

**Salamander**—An excellent summer variety, withstanding drought and heat to a remarkable extent; forms good-sized, compact heads, light green outside, white within. Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. \$1.25.



CHICAGO MARKET.

## MUSK- MELONS.

**Chicago Market**—The fruits ripen quite early, and are uniformly large and well shaped; the flesh is thick, light green, and exceedingly good. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 60c.

**Golden Netted Gem**—They grow remarkably uniform in shape and size, weighing 1 1-4 to 1 1-2 lbs. each. They are thick-meated, the flesh is light green in color and uniformly of fine, luscious flavor. Pkt. 5c; oz. 15c; 1-4 lb. 25c; lb 75c.

**Princess, or Perfection**—A notably fine variety, with fruits having flesh so thick and seed cavity so small that they seem almost solid. The rind is thin, tough, and sparingly netted; the flesh a rich salmon color, fine-grained, sugary and melting. The vines are strong-growing and productive; a good market and shipping melon, and also one of the best sorts for home gardens. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 60c.

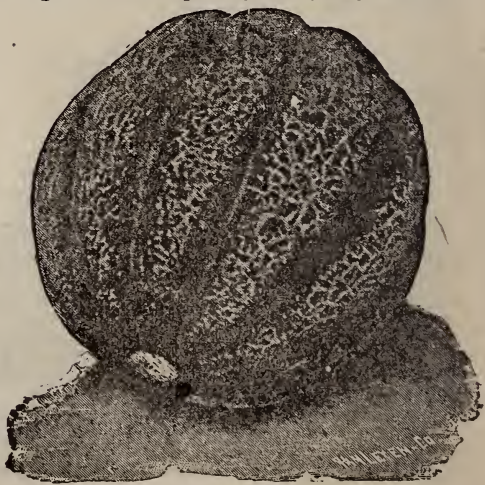
**Early Hackensack**—This valuable variety is ready for market fully ten days ahead of the well-known Hackensack, which it much resembles in size, shape and quality. They are almost equal in size to the old Hackensack, weighing from five to ten pounds each. It is also very productive, averaging from five to six melons on the vine, all of which are deeply netted. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

**Shumway's Giant**—Very large melons and very uniform in size, whole fields of them averaging from eighteen to twenty pounds. The flesh is very thick, sweet and salmon-colored. It is an excellent shipper. Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 70c.

**Bay View**—Fruit long and of the largest size, frequently weighing fifteen to seventeen pounds, deeply ribbed and covered with close netting; flesh green, thick and of fine flavor. By far the best of the large melons, and so hardy as to be the best sort for inexperienced cultivators. Pkt. 5c; oz. 10c; lb. 50c.

**Pineapple**—Vines very productive and hardy. Fruit oval, medium size, slightly ribbed and dark green at first, but becoming covered with shallow gray netting as they mature. Flesh green, delicate, exceedingly sweet and high flavored. pkt. 5c; oz. 10c; lb. 50c.

**Osage**—This is one of the most profitable of all melons for the market gardener, of very uniform quality; it makes no difference what the size of the melon may be, large or small, they are all sweet and delicious. The skin is very thin, dark green and slightly netted. The flesh is salmon, remarkably sweet, and of



THE OSAGE.



a spicy flavor; extremely thick and delicious to the rind. It is a remarkable keeper and one of the best shipping varieties grown. Pkt. 5c, oz. 10c; 1-4 lb. 20c; lb. 60c.

**Banana**—This is a variety of yellow fleshed musk melon entirely free from netting. The skin is of a delicious straw color; the flesh is quite thick and blends from a bright green to rich salmon color, making a fine and striking contrast. It is early, prolific, quality equal to the common Muskmelon, and has a delicious fragrance. When ripe it reminds one of the overgrown banana. Pkt. 5c; oz. 15c; 1-4 lb. 25c; lb. 90c.

**Tip-Top**—This is a fine, round melon of such attractive appearance that readily makes it a selling variety in the market. Every fruit, whether large or small, early or late in the season, is of delicious, sweet, juicy flavor; the flesh is firm, but not hard and eatable to the very outside coating. In productiveness it is unexcelled, being a strong and willing grower. Pkt. 5c; oz. 15c; 1-4 lb. 25c; lb. 75c.



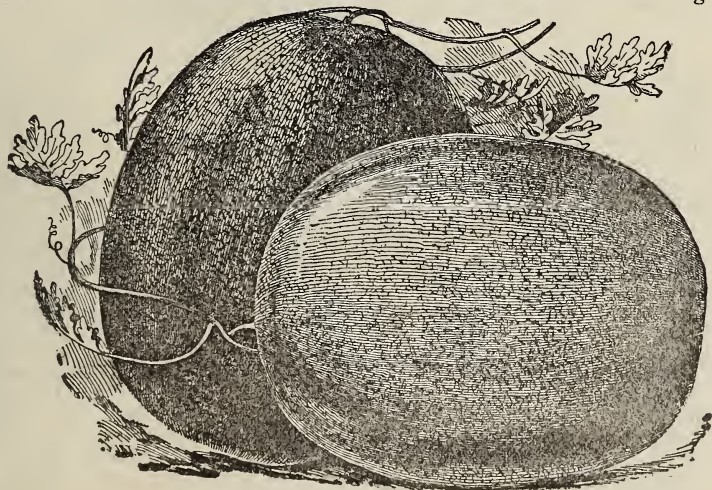
JUMBO.

## WATERMELONS.

**Jumbo**—The shape of this new melon is almost round. The skin is green, with faint stripes of lighter green. In form and habit of resting on the blossom end, it is like the Pride of Georgia but is free from the ribs of that variety. As indicated by the name, they grow to a fine large size with a very tough rind, making it a valuable shipping variety. Flesh red and very sweet. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 65c.

**Kolb's Gem**—Vines of medium size, but remarkably vigorous and healthy. Leaves of medium size, deeply cut with a peculiar frilled edge. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and light green. Outer rind or shell exceedingly hard and firm, making it a good sort for shipping long distances. Fresh dark red, solid a little coarse, but sweet and tender. Seeds dark gray. Pkt. 5c; oz. 10c; lb. 50c.

**Sweet Watermelon**—One of the best melons ever introduced. Vines vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled light and very light green. Rind thin, but firm, flesh bright red, firm, solid, very tender, melting and sweet. Good shipper and long keeper. Offered for the first time in 1894, and is now one of the most popular sorts in cultivation. Carloads of Sweethearts are sold at fancy prices when no other sorts are salable. The seed we offer was grown from headquarters. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 75c.



SWEETHEART WATERMELON.

**Gypsy, or Georgia Rattlesnake**—One of the largest varieties and stands ship-



ment long distance. Fruit cylindrical, square at the ends, smooth, distinctly striped and mottled dark and light green. Flesh bright scarlet and very sweet. Pkt. 5c; oz. 10c; 2 oz. 15c; 1-4 lb. 30c; lb. 50c.

✓ **Seminole**—One of the best in cultivation and pronounced a perfect melon in every respect. It is extra early, enormously productive, solid, ripening clear to the rind, color gray and light green, and of excellent flavor. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

✓ **Phinney's Early**—A valuable variety for use in the north; hardy and a sure cropper. Vines vigorous and productive, fruiting quite early; fruit medium size, oblong, smooth, marbled with two shades of green; rind thin, flesh pink, very sweet, tender and crisp. Pkt. 5c; oz. 10c; 2 oz. 15c; 1-4 lb. 20c; lb. 50c.

✓ **Black Spanish**—Vines small so that they may be planted closer than most sorts. Fruit round, very dark green, with sweet, scarlet flesh and black seeds. It is not so large as some of the other sorts, but is very hardy and a sure cropper. Pkt. 5c; oz. 10c; 2 oz. 15c; 1-4 lb. 20c; lb. 50c.

✓ **Ice-Cream, or Peerless**—It is a superior variety in every respect, and has a beautiful crimson core, is fine-grained and cannot be surpassed in excellence. Very prolific, sweet, and rind thin. Pkt. 5c; oz. 10c; 1-4 lb. 20c, lb. 50c.

✓ **Iron-Clad**—Grows to a very large size, frequently weighing 60 pounds and over. The flesh is deep red and of a delicious flavor, holding its fine qualities very close to the skin. For shipping qualities the Iron-Clad is unsurpassed. The vines are strong growing. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

✓ **Mountain Sweet**—One of the best for early culture. Color dark green, rind thin, flesh scarlet, solid, very sweet and delicious. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Vick's Early**—A well-known early kind. Seed black, smooth and shiny, quality fine. Pkt. 5c, oz. 10c, lb. 50c.

✓ **Cuban Queen**—Fruit medium size to large, globular or oval, skin striped, light and dark green in sharp contrast, rind medium thick, but stands shipment well. Flesh bright red, solid, very crisp and sugary. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

✓ **Dixie**—A popular market sort. Vines vigorous, large growing and hard. Fruit medium size to large, about one-third longer than thick. Color of skin dark green, striped with a lighter shade. Rind thin and tough. Flesh bright scarlet, ripens closely to the rind, and is of the best quality and free from the hard, coarse center which is so objectionable a feature of many shipping melons. Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

## ONIONS.

✓ **Prize Taker**—Enormous size, averaging twelve to fourteen inches in circumference. Although of great size, it is very hardy and a very fair keeper. The outside skin of a rich yellow color; while the flesh is white, sweet and tender. They bottom well are free from stiff necks. It is very productive. In market it attracts marked attention, and sells readily double the price of the other sorts. Pkt. 5c, oz. 15; 1-4 lb. 50c; lb. \$1.50.

✓ **White Portugal, or American Silver Skin**—A large flat onion of mild flavor, fine for early winter use and much esteemed for pickling. It is the best keeper of the white varieties. Pkt. 5c, oz. 20c 1-4 lb. 60c, lb. \$2.00.

✓ **Large Red Wethersfields**—This is the favorite onion where immense crops are grown for shipment. It is very productive, the best keeper in cultivation, of large size, skin deep purplish-red, shape round, somewhat flattened, strongly flavored, with purplish white flesh and moderately fine grained. The most popular onion for family use and general cultivation. Pkt. 5c, oz. 10c, 1-4 lb. 30c, 1-2 lb. 60c, lb. 90c.

✓ **Yellow Globe Danvers**—The Ideal Danvers Onion was originally oval or nearly flat, and it has been thought by many that its small neck and splendid ripening habit could be obtained in onions of that shape, but we have by careful selection and breeding developed a strain having to a remarkable degree the ripening habit and small neck of the original Danvers, and yet decidedly globular in form, thus giving large yields and handsomer bulbs without sacrificing any of the good qualities of the most popular of yellow onions. Pks. 5c, oz. 10c; 1-4 lb. 25c, 1-2 lb. 50c, lb. 90c.

✓ **Southport White Globe**—This is a very large and showy, globular, white onion which sells quickly in the market. The bulbs grow quite rapidly, and if the seed is sown early, good-size roots, suitable for pulling and marketing in the green state, are soon formed. They are mild flavored, keep well, and the yield is good. Pkt. 5c, oz. 15c, 1-4 lb. 60c, lb. \$2.25.

## ONION SETS.

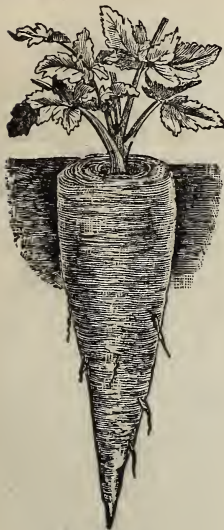
The price per quart will hold good throughout the season, or as long as our stock lasts. If ordered sent by mail, add 10 cents per quart for postage.

**Red Bottom Sets**—Used precisely as top onions are, setting them out in the spring instead of sowing seed. Per quart, 15c.

**Yellow Bottom Sets**—Identical with the preceeding except in color, and used in the same manner. Per quart, 15c.

**White Bottom Sets**—They do not keep as well as the red or yellow, but produce beautiful white onions early in the season. Per quart, 15c.

**Potato Onion**—Produces a quantity of young bulbs on the parent root, which should be planted early in the spring, in rows eighteen inches apart, six inches apart in the row, and covered one inch deep. They should be earthed up like potatoes as they continue to grow. Quart, 15c;  $\frac{1}{4}$  bushel, \$1.00; bushel, \$3.50.



## PARSNIP.

✓ **Long White Dutch, or Sugar**—Roots very long, white, smooth, tender, sugary and of most excellent flavor. Very hardy, and will keep through winter without protection. Pkt. 5c; oz. 10c; 2 oz. 15c;  $\frac{1}{4}$  lb. 50c.

✓ **Hollow Crown, or Guernsey**—Roots comparatively short with a smooth, clean skin. The variety is easily distinguished by the leaves arising from a depression on the top or crown of the root. Pkt. 5c; oz. 10c; 2 oz. 15c; quarter lb. 20c; lb. 50c.

## PARSLEY.

✓ **Moss-Curled**—Leaves crimped and curled like a bed of moss, giving it a most beautiful decorative appearance. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 75c.

## PEPPER.

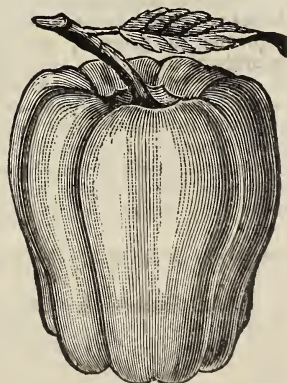
✓ **Long Cayenne**—The variety used for bottled pickling. Pkt. 5c; oz. 20c.

✓ **Golden Dawn**—Plants are quite dwarf, but very prolific. Fruit medium size and of inverted bell shape, rich golden yellow color; with very thick, sweet mild-flavored flesh. Pkt. 5c; oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c.

✓ **Red Chili**—Used in the manufacture of pepper sauce. Pods sharply conical and exceedingly pungent when ripe. Requires a long, warm season. The plants should be started quite early in hot beds. Pkt. 5c; oz. 25c; 3 oz. 50c;  $\frac{1}{4}$  lb. 75c.

✓ **Ruby King**—An improved American sort, reaching the larger size, yet retaining the symmetrical shape of the smaller sorts. It is very bright colored, beautiful, sweet and mild flavored. One of the best for stuffed pickles. Pkt. 5c; oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c.

✓ **Sweet Mountain**—Similar to Large Bell in shape and color, but much larger and milder in flavor, used for stuffed pickles. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c.



GOLDEN DAWN.





BELL, OR BULL NOSE.

variably well filled with peas of the finest quality. The dry peas are green, large, wrinkled, often flattened. Market gardeners use more of this sort than any other wrinkled pea. Pkt. 5c; half-pint 10c; pint 20c; quart 35c.

**First and Best**—Pods good size and well-filled with round, smooth peas of excellent flavor. Extremely early, productive and ripen all at the same time, therefore a general favorite with market gardeners. Height 2½ feet. Pkt. 5c; half-pint 10c; pint 20c; quart 35c.

**American Wonder**—The earliest of all wrinkled peas. Of dwarf habit, growing from nine to twelve inches high, and producing a profusion of good-sized and well-filled pods of the finest flavor. Pkt. 5c; half-pint 10c; pint 20c; quart 35c.

**Nott's Excelsior**—This excellent new dwarf wrinkled extra early pea is robust and vigorous in growth, inclined to throw out laterals at the base of the haulm, and produces in profusion, long, handsome pods, closely packed with large peas of fine flavor. The pods are fully one-third larger than the American Wonder, containing six or eight fine, large peas, packed so closely together in the pods that the peas are always more square than round, a decided acquisition and sure to be very popular when generally known. Pkt. 5c; half-pint 10c; pint 20c; quart 35c.

**Large Bell or Bull Nose**—A very large sort of inverted bell shape, suitable for filling or for a mixed pickle. Flesh thick, hard and less pungent than most other sorts. Pkt. 5c; oz. 25c; 2 oz. 40c; ¼ lb. 75c.

## PEAS—Extra Early.

**Alaska**—One of the earliest; pods of perfect shape and remarkably well filled, of unrivaled quality for an early pea; height 2½ feet. Pkt. 5c; half-pint 10c; pint 20c; quart 35c.

**Early Tom Thumb**—An early variety nine inches in height, stout and branching, pod of good size, very productive and of excellent quality. Pkt. 5c; half-pint 10c, pint 20c, quart 35c.

**McLean's Little Gem**—This variety is nearly as early as the American Wonder and the vine decidedly larger, growing to a height of twelve to fifteen inches and bearing an immense crop of pods, which are larger and in-



M'LEAN'S LITTLE GEM.

All Seeds by Ounce or Package Sent Postpaid at Prices  
Given, Except where Otherwise Noted.

## SECOND EARLY.

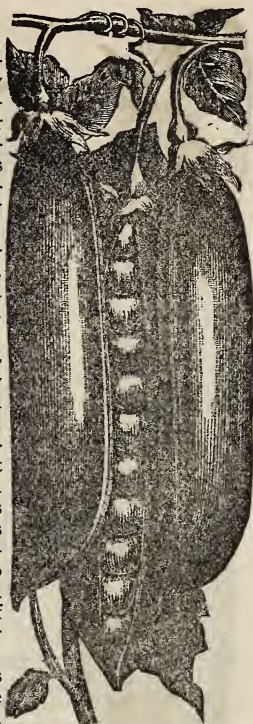
**Telephone**—This pea has proved to be a valuable acquisition. Vines large, with large, coarse leaves. Pods very large, filled with immense peas, which are sweet, and of excellent flavor. Notwithstanding the large amount of inferior and spurious stock that has been sold, no pea of recent introduction has gained more rapidly in popularity than this, thus showing that it has sterling merit which gardeners appreciate. The stock we offer is prolific and has been carefully selected. Pkt. 5c; 1-2 pint 20c; quart 35c.

**Pride of the Market.**—A popular strong-growing variety. Height eighteen to twenty inches, loaded with large, long pods, well filled with very large, exquisitely flavored peas. Of wonderful productiveness and superb quality. Pkt. 5c, 1-2 pint 10c, pint 20c, quart 35c.



FRENCH CANNER.

**Bliss Ever-bearing**—This new pea is a cross between the Little Gem and the Champion of England; height two feet foliage large, firm and bright green; pods three to four inches long, each pod producing from six to eight large wrinkled peas; its habit of growth is of peculiar branching character, forming as many as ten stalks from one root stalk. Pkt. 5c, 1-2 pint 10c, pint 20c, quart 35c.



TELEPHONE.

**French Canner**—An enormously productive variety, best suited for the production of the small, dark green pea, which are tender and of delicate flavor when young, but becoming hard and tasteless when mature. Dry peas small, smooth and nearly white. Pkt 5c, 1-2 pint 10c, pint 20c, quart 35c.




## Seeds in Packets Lower Than Ever.

To meet the conditions of the times and help out those who do not wish to spend much money for seeds this year we make this Great Reduction.

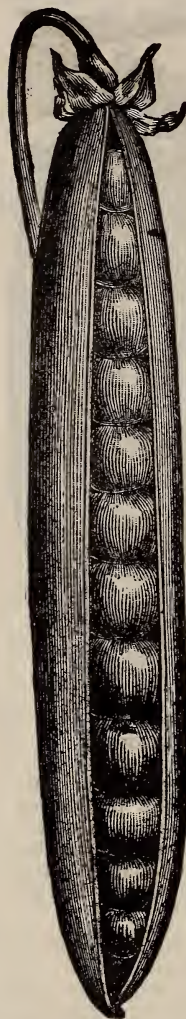
**YOU**

CAN HAVE \$ 50 WORTH OF SEEDS IN PACKETS FOR \$	40
CAN HAVE 1 00 WORTH OF SEEDS IN PACKETS FOR	75
CAN HAVE 2 00 WORTH OF SEEDS IN PACKETS FOR	1 40
CAN HAVE 3 00 WORTH OF SEEDS IN PACKETS FOR	2 00
CAN HAVE 5 00 WORTH OF SEEDS IN PACKETS FOR	3 00

 This Puts Our Prices on Packets Right Down to the Lowest Notch.



## Late Sorts.



DUKE ALBANY.

✓ **Improved Strategem**—A sort in which the good qualities which gave the old Strategem its popularity are so developed as to make it a distinct variety. We do not hesitate to pronounce this by far the best of the large-podded peas; the pods are of immense size, filled with very large, dark green peas of the finest quality; vine medium height but very stocky, with very broad, light green leaves, and bearing an abundance of large handsome pods. One of the very best varieties for the market gardens. Pkt. 5c,  $\frac{1}{2}$  pint 10c, pint 20c, quart 35c.

✓ **Champion of England**—Very productive and universally admitted to be one of the richest and best flavored peas. Height four to five feet; seed whitish green and much shriveled. Very inferior and mixed stocks of this sort are frequently offered, but when the seed is as well grown and selected as that we offer, we consider variety equal in quality to any in cultivation and one of the best of its season, either for the amateur or market gardener. Pkt. 5c,  $\frac{1}{2}$  pint 10c, pint 20c, quart 35c.

✓ **Dwarf Gray, or Sugar**—Edible pods. Of extraordinary yielding qualities, and unsurpassed as an edible podded variety. Height two feet. Pkt. 5c,  $\frac{1}{2}$  pint 10c, pint 20c, quart 35c.

✓ **Duke of Albany**—An excellent new variety, remarkably hardy and vigorous in constitution, producing pods of good size, well filled with large, luscious peas. It is of hearty, vigorous growth and a remarkable cropper. It has proven a valuable main crop sort, most prolific, and best of all in quality. Pkt. 5c,  $\frac{1}{2}$  pint 10c, pint 20c, quart 35c.

✓ **Large Black Eye Marrowfat**—An excellent variety, growing about five feet high; pods large; a prolific bearer, and can be recommended as one of the very best Marrowfat sorts. Pkt. 5c,  $\frac{1}{2}$  pint 10c, pint 20c, quart 35c.

✓ **Tall Gray Sugar**—An edible podded variety of good quality, it is very productive. The peas are eaten shelled also, and are very sweet. Pkt. 5c,  $\frac{1}{2}$  pint 10c, pint 20c, quart 35c.



STRATEGEM.

## Pumpkins.

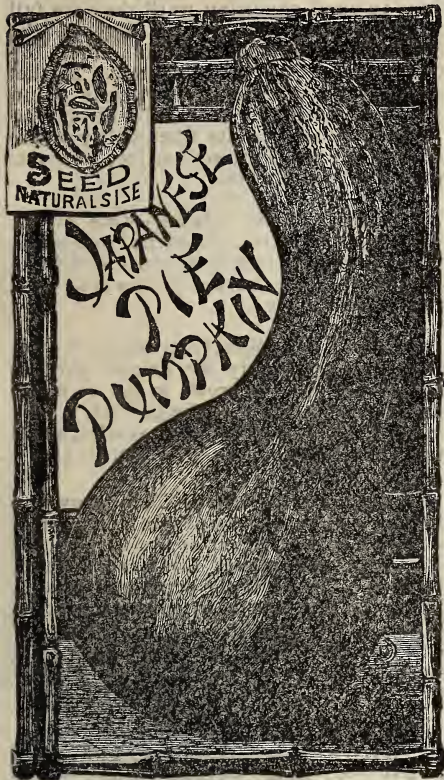
✓ **Small Sugar**—A particularly fine orange-colored sort, remarkably sweet, fine-grained and dry. Keep well and cannot be beat for table use. Always gives the best satisfaction. Pkt. 5c, oz. 10c, 2 oz. 15c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

✓ **Tennessee Sweet Potato**—One of the very best pie and cooking pumpkins. They grow pear-shaped, to a good size, slightly ribbed; skin is a cream white, flesh very thick, creamy white, dry and fine-grained; keeping well until late in the spring; when cooked resembles sweet potatoes, but more delicious in taste. The vines are hardy and enormously productive. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.



**Large Cheese**—A favorite for cooking, and also profitable for stock feeding, as the vines are very fruitful and the pumpkins quite large. Both the rind and the flesh are orange-colored, and the quality is excellent for cooking purposes. Pkt. 5c; oz. 10c; 2 oz. 15c; quarter lb. 20c; lb. 60c.

**Japanese Pie Pumpkin**—In form it resembles the Cushaw; the flesh is solid in the large neck, and but very small seed cavity in the large end; fine-grained, dry and sweet. They ripen early and keep well, the seeds are peculiarly sculptured. Pkt. 5c; oz. 10c; quarter-pound 20c; pound 60c.



**Nantucket, or Negro**—Skin is dark green, almost black. Flesh thick and of a rich orange yellow, sweet, and weighs generally from ten to fifteen pounds each and will keep nearly a year. Pkt. 5c, oz. 10c; quarter lb. 20c; lb. 60c.

**Cushaw**—A well known variety resembling the Winter Crookneck Squash in form. The flesh is salmon-colored and of good flavor, the rind light cream color, striped with green, fruit very large, vines productive. Pkt. 5c; oz. 10c; quarter lb. 25c; pound 75c.

## RADISHES.

**French Breakfast**—A medium-sized radish, olive-shaped, small top, of quick growth, very crisp and tender, of a beautiful scarlet color, except near the tip, which is pure white. A splendid variety for the table, on account of its excellent quality and beautiful color. Pkt. 5c; oz. 10c; 2 oz. 15c; quarter lb. 60c.

**Early Scarlet Turnip, White Tipped**—One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting out of doors. It is but little later than White Tipped, Forcing, and will give entire satisfaction where extreme earliness is not the primary object. Roots slightly flattened on the under side, color very deep scarlet with a white tip; flesh white and of the best quality.

Pkt. 5c; oz. 10c; 2 oz. 15c; quarter lb. 20c; lb. 60c.

**Long Black Summer**—This variety may be treated like a summer radish with the most satisfactory results, or it may be used as a winter sort. Top comparatively small. Roots rather large, long, tapering to a point; skin deep black; flesh white, firm, crisp, tender and quite pungent. It is a very handsome, black radish, and is worthy of thorough trial. Pkt. 5c; oz. 10c; 2 oz. 15c; ¼ lb. 20c; lb. 60c.

**Long White Vienna, or Lady Finger**—A very excellent white variety with long, very smooth, white roots which are crisp and tender. It comes into use shortly after Wood's Frame, and is one of the most desirable of the white, summer sorts. Pkt. 5c; oz. 10c; 2 oz. 15c; quarter lb. 20c; lb. 65c.

PLEASE note that our prices are for seeds postpaid by mail.

If wanted by express or freight, at purchaser's expense, 10 cents per pound may be deducted from prices quoted. . . . .



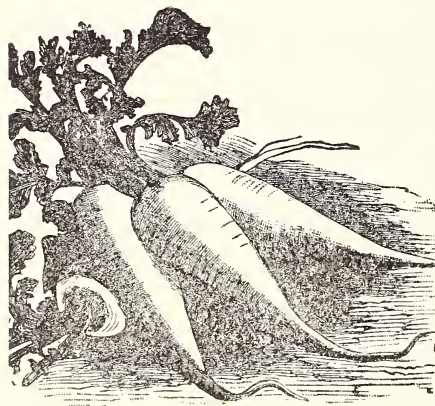
**Longest, Brightest Scarlet, White Tipped**—This is the brightest and handsomest colored scarlet radish known, and a decided improvement in earliness and color over other varieties in this class. It makes roots fit for use in about twenty-five days from time of planting, and they continue in good condition until they are full grown, when they are as large as the Woods Early Frame. It has a small top and no tendency to neckiness. Market gardeners should use this for early planting, as its beautiful color will always attract attention, and its fine quality please all who buy it. Pkt. 5c; oz. 10c; 2 oz. 15c; quarter lb. 20c; lb. 70c.

**Chinese Rose Winter**—One of the best winter varieties, a beautiful rose color, flesh white, firm and of superior quality, a favorite with the market gardeners. Pkt. 5c; oz. 10c; lb. 75c.

**Early Long Scarlet, Short Top**—The standard variety for private gardens and market use. It grows to six or seven inches long, half out of the ground, is very brittle and crisp, color bright scarlet, small top. Pkt. 5c; oz. 10c; 1-4 lb. 20c; lb. 60c.

**White Strasburgh**—This grows to the largest size and is usable when quite small, thus covering a long season. The mature roots are four or five inches long and about two inches thick, very white, the flesh is exceedingly crisp and tender. One of the best of the large summer sorts. Pkt. 5c; oz. 10c; 2 oz. 15c; quarter pound 20c; lb. 60c.

**Chartier, or Shepherd**—Although this American variety is too strong growing to be used for forcing, it is one of the very best for growing out doors. The



WHITE STRASBURGH.

roots come to usable size very early, remaining hard and crisp until they reach a diameter of one and one-half or two inches, and so furnish good roots two or three times as long as any of the preceding varieties. Roots scarlet rose above, shading into white at the tip. They are long, cylindrical for the upper two-thirds and then gradually taper to the tip. Fresh white, crisp and mild-flavored. Pkt. 5c; oz. 10c; 2 oz. 15c; quarter of a pound 20c; pound 60c.



CHARTIER.



**Wood's Early Frame**—Extensively grown by market gardeners for forcing. Similar in growth to the Long Scarlet, but about ten days earlier, and shorter. The radishes are a bright scarlet, blending to white at the bottom, crisp and tender. Pkt. 5c; oz. 10c; quarter lb. 20c; lb. 65c.

**Vixes Scarlet Globe**—This is unquestionably the earliest forcing radish extant. It grows very rapidly and is fit for use within three weeks from time of sowing. The root is of fine, round form, the color a bright scarlet, the flesh tender, and of particularly delicate flavor. It has a very short top, the leaves being very few and quite small. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c.



EARLY SCARLET TURNIP.

crisp, tender flesh. Desirable for forcing or early out-door planting. Pkt. 5c; oz. 10c; quarter lb. 20c, lb. 65c.

**Philadelphia White Box**—Remarkably short top, rapid grower, fine quality, perfect turnip shape, sweet and juicy, long standing, good for forcing, a favorite with Philadelphia market gardeners. Pkt. 5c; oz. 15c; 1-4 lb. 20c; lb. 70c.

**Early Scarlet Turnip**—A small, round, red turnip-shaped radish, with small top and quick growth. A very early variety, deserving general cultivation on account of its rich color and

## RHUBARB-Pie Plant.

**Victoria**—A large growing variety, one of the most popular with the gardeners. It makes a very broad stalk, comes very early in the spring. For home use it is best. Pkt. 5c, oz. 15c.

## SALSIFY.

**Blue Flowered French**—A good substitute for the oyster, which it closely resembles. Roots about a foot long and one inch in diameter, white and tapering. Pkt. 5c; oz. 10c; lb. \$1.00.

**Mammoth Sandwich Island**—This variety is a great improvement over the common variety, and is favored by market gardeners on account of its fine appearance. Pkt. 5c; oz. 20c; lb. \$1.50.

## Spinach.

**Prickly Winter**—A very handsome variety, and will withstand the severest weather, with only a light protection of leaves and straw. The seed is prickly, the leaves triangular and oblong or arrow-shaped. It is employed for fall sowing, which in this latitude is made about the first of September. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 15c; lb. 35c.

**Thick Leaved Round**—Produces large, thick, dark green leaves, somewhat crumpled, and possesses the valuable quality of standing a long time. Pkt. 5c, oz. 10c, quarter lb. 15c, lb. 35c.

**Savoy Leaved**—The earliest variety and one of the best to plant in autumn for early spring use. Plant an upright growth, with narrow, pointed leaves, which are savoyed like those of cabbage. It grows quickly to a suitable size for use, but soon runs to seed. Pkt. 5c, oz. 10c, quarter lb. 15c.

## SQUASHES.

**Faxon**—In color it differs from all other squashes. When ripe some are pale yellow, with paler stripes in hollows; others are green mottled. The flesh is deep orange yellow, has very small seed cavity. While uncooked it seems to have a hard shell, but after cooking there is practically none, the inedible part being only about as thick as a sheet of writing paper. It is sweet and very dry and nothing excels it for squash pies. Pkt. 5c, oz. 15c, quarter lb. 25c, lb. 75c.

✓ **Hubbard**—This is a superior variety and the best winter squash known; flesh bright orange yellow, fine grained, very dry, sweet and rich flavored; keeps perfectly good through the winter; boils or bakes exceedingly dry and is esteemed by many to be as good baked as the sweet potato. We have taken the utmost pains with this sort, and can recommend our stock as in all probability the best in the country, and think our customers can plant it in perfect confidence that every plant will be a pure Hubbard. Pkt. 5c, oz. 10c, quarter lb. 25c, lb. 85c.

✓ **Boston Marrow**—A fall and winter variety, very popular in the Boston market. Of oval form; skin thin, when ripe, bright orange, mottled with light cream color; flesh rich salmon yellow, one grained, and for sweetness and excellence unsurpassed, but not as dry as the Hubbard. We have unusually good stock of this sort. Pkt. 5c, oz. 10c, 2 oz. 15c, quarter lb. 20c, lb. 75c.

✓ **Fordhook**—The earliest of the winter squashes, bright yellow, sweet, dry and very thick meated, immensely productive, a good keeper, handsome appearance, and splendid quality. Pkt. 5c, oz. 10c, quarter lb. 25c, lb. 75c.

✓ **Sibley or Pike's Peak**—A very distinct variety, hard shelled, pale green, thin, and flinty; flesh brilliant orange, solid, thick, rich, dry, and splendid flavor. Grows to a moderate size—eight to eleven pounds—is remarkably vigorous; ripening about with the Hubbard. A splendid keeper, retaining its fine flavor, and remaining perfectly solid until the last of March. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 75c.

✓ **Summer Crookneck**—A very fine summer variety, yellow fruit, early and productive. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 65c.

✓ **Perfect Gem**—Fruit round, six to eight inches in diameter, and borne in clusters. Shell exceedingly thin, smooth ribbed, and creamy white. Flesh cream-colored, dry, sweet and rich. Exceedingly desirable either as summer or winter variety. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 65c.

✓ **Bay State**—The shell is light green, hard and flinty, and is one of the longest keepers known. Flesh very thick, and solid, bright golden yellow, dry, fine-grained, flavor sweet and excellent, seed cavity very small. It matures very early, and can be planted as a second crop after early peas; if planted late it will escape the squash maggot and still ripen. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

✓ **Winter Crookneck**—Largely grown in some states. Sweet, fine flavored, hardy and a good keeper. Pkt. 5c, oz. 10c, lb. 60c.

✓ **Cushaw Pie Squash**—This is a genuine Cushaw, and is a great favorite wherever known for its many good qualities. It is very beautiful in appearance, being a distinct mottled green and white striped. Sells well on any market. Pkt. 5c, oz. 10c, lb. 70c.



CUSHAW PIE SQUASH.

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CLOVER AND TIMOTHY  
SEED A SPECIALTY.

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DWARF ESSEX RAPE.

## Rape.

**Dwarf Essex**—(The Biennial variety.) The Essex is considered indispensable by the sheep, hog and cattle farmer of Great Britain, and is fast coming into use in this country on account of its rapid growth, being ready to feed within ten weeks from sowing, and producing twenty-five to thirty tons of green forage per acre. It grows to a height of three feet and covers the surface so densely as to smother out all weeds and to kill quack and all other objectionable grasses. It can be sown all through the season, being perfectly hardy, withstands drought, and will produce a crop in any soil by sowing broadcast at the rate of five to ten pounds to the acre, or in drills or rows two feet apart at the rate of four or five pounds per acre. While unequalled for pasture for sheep, as a fattening food for all kinds of live stock it is without a rival in point of cheapness or effectiveness. Any good corn soil will grow rape. A number of customers last year that were short of pasture sowed rape and oats in April. One farmer reported pasturing 325 sheep and lambs on thirteen acres of rape. It is fine hog pasture, and when sown with rye and oats makes an excellent pasture for cattle and young horses, but rape alone is like clover—will sometime bloat cattle, but sown with oats, rye or barley there is no danger of bloating. Some farmers report sowing rape in the corn at the last plowing and claim it is very profitable pasture for sheep and lambs. Rape is especially adapted as a catch crop, as it is like turnips, will make a growth late in the fall and takes a freeze to kill it. When sown broadcast use five to ten pounds per acre, if in drills use four to five pounds per acre. Pkt. 10c, lb. by mail, 25c. By freight or express, 12 lb. \$1 00, 50 lbs. \$4, 100 lbs. \$7.00. Rape weighs 50 pounds to the bushel.

## SUGAR CANE.

**Early Amber**—This variety is successfully grown in our extreme northern latitudes. It may be planted as late as the 15th of June, and will be ripe enough to manufacture in September. We know of no earlier variety. It is useless to plant cane seed before the weather is warm in spring. Three or four pounds are required per acre. By mail, postpaid, lb. 25c, 3 lbs. 60c, by express or freight, qt. 20c, bu. of 56 lbs. market price.

**Early Orange**—An exceedingly valuable variety. Very large, of strong and vigorous habit; and does not fall down. It is early and yields more than any other sort, often producing as much as 240 gallons of very beautiful colored and highly flavored syrup to the acre. We recommend it highly to all desiring a superior cane. By mail, postpaid, lb. 25c, 3 lbs. 60c, by express or freight, qt. 20c, bu. of 56 lbs. market price.

## TOBACCO.

**Connecticut Seed Leaf**—Best adapted to the climate of the middle and northern states as it is more hardy and endures the cold better than the tender varieties grown south. In many of the northern states and in Canada this variety is the staple crop. Pkt. 5c, oz. 20c, quarter lb. 60c, lb. \$2.00.

**Havana**—This tobacco is the genuine article and is first-class. Pkt. 5c, oz. 20c, quarter lb. 60c, lb. \$2.00.

**White Burley**—This variety is especially valuable to manufacturers either for cut



CONNECTICUT SEED LEAF.

or plug tobacco. It is sometimes used for wrappers. Pkt, 5c, oz. 30c, 2 oz. 50c, 1-4 lb. 60c, lb. \$2.50.



MATCHLESS.

use. The dwarf habit of the vines makes it very desirable for forcing, as it can be planted closer to the glass, and more closely on the bench than the tall growing kinds. Our stock is of a very superior strain, with larger, smoother fruit than the original. Pkt. 5c, oz. 25c, 2 oz. 40c, quarter lb. 75c, lb. \$2.50.

✓ **Perfection**—This is one of the handsomest tomatoes grown, and all who have tried its invariably round, smooth, handsome, red fruit pronounce it of the highest quality. It has been used very satisfactorily for forcing under glass. Pkt. 5c, oz. 10c, 2 oz. 35c, quarter lb 60c, lb. \$2.00.

✓ **Mikado, or Turner's Hybrid**—A very large fruited purple tomato, weighing as high as twenty-eight ounces, while the average weight is probably not less than twelve. Vines large, coarse growing, with leaves entire, like those of potato plant; very productive, and is early for so large a tomato, fruit extremely large, rough, solid, with seeds. Demanded by those who want extra large fruit. Pkt. 5c, oz. 25c, 2 oz. 40c, quarter lb. 70c, lb. \$2.25.

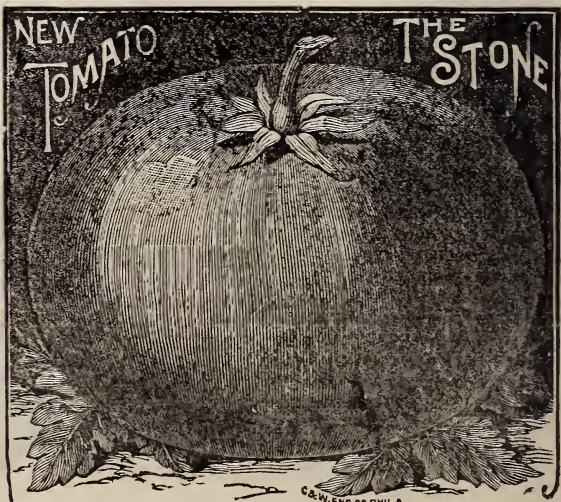
✓ **Stone**—This is the heaviest and most solid fruited of the large tomatoes of good quality. Our stock is distinctly superior to most of that offered under this name, being more uniform, better colored and larger. Vines vigorous and productive. Fruit round, apple shaped, very large, very deep red in color and astonishingly heavy. Pkt. 5c, oz. 25c, 2 oz. 40c, quarter lb. 75c, lb. \$2.25.

✓ **Acme**—Very large, hardy and productive, ripening its first fruit almost as early as

## TOMATOES.

✓ **Matchless**—Well worthy of its name. In beauty of color and symmetrical form it is without a peer. Very beautiful and extremely desirable. They are entirely free from core, of a rich cardinal red color. Not liable to crack or rot from wet weather. Pkt. 5c, oz. 25c, 1-4 lb. 75c.

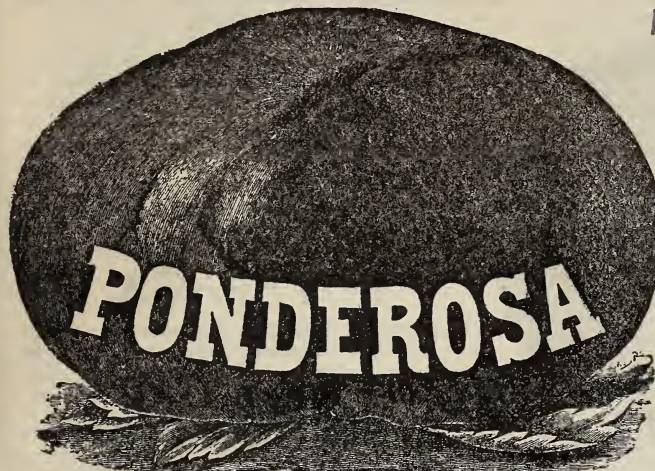
✓ **Dwarf Champion**—This is a purple fruited variety, which forms very stout, strong plants about two feet high. The branches are short, making a bushy plant that stands quite erect without stakes. This sort is often sold as Tree Tomato. Fruit smooth, medium size; color purplish-pink, fairly solid, but has no hard core, and is of good flavor. About as early as any purple-fruited tomato, and is quite popular in some localities, both for market and home





any, and continuing to bear abundantly until cut off by frost. Fruit in clusters of four or five, invariably round, smooth and of good size, free from cracks, and stands shipment remarkably well; flesh solid, and of excellent flavor. For market gardeners who want an early purple-fruited tomato, either for home market or to ship, for private gardens or for canners, it stands without a peer among its class. The variety is used for planting under glass. Pkt. 5c, oz. 20c, 2 oz. 35c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00.

✓ **Beauty**—We have been selecting this to a larger, smoother fruit than the original stock and think we have made it the smoothest and best of the larger purple sorts. Vine large, vigorous and heavy bearers; fruit large, uniform in size, very smooth; color of skin purplish-pink; flesh light pink and of excellent flavor. While we think the color weak for canning, it is used considerably for that purpose. Pkt. 5c, oz. 20c, quarter lb. 6cc.



✓ **The Ponderosa**—This is the largest and heaviest tomato. The specimens that competed for the prize when this tomato was first introduced weighed on the average one pound and six ounces. The Ponderosa possesses every good quality to be found in a tomato. The vines are strong and vigorous, and easily carry their enormous weight. Its massive, ponderous fruits are of good form and free from corrugations. The color is a rich crim-

son. It is a good tomato for the canner or for home use. For slicing it is one of the best. All should give it a trial. It is no longer a novelty, but is a specialty of merit. Pkt. 5c, oz. 30c, quarter lb. 75c.

✓ **Optimus**—The best tomato, at least so far as quality is concerned. Vine medium size, but vigorous, healthy, productive. Although not represented as a first-early variety, many of our customers report that they have obtained ripe fruit from this as early as any variety. Fruit medium size, oval, very smooth and exceedingly bright, crimson-scarlet color, very free from cracks and never rotting. The flesh is of a crimson-scarlet color, and quite distinct. Pkt. 5c, oz. 20c, quarter lb. 60c.

## Turnips.

✓ **Extra Early Purple Top Milan**—The most desirable turnip for forcing, or very early planting out doors. Tops are very small distinctly strap-leaved, and growing very erect and compact. The roots are small and flat turnip-shaped; skin purple on top the root and white below; flesh clear white. Pkt. 5c, oz. 10c, 2 oz. 15c, quarter lb. 25c, lb. 70c.

✓ **Orange Jelly, or Robertson's Golden Ball**—Undoubtedly among the most delicate and sweetest yellow fleshed turnip yet introduced. Not of large size, but firm, hard, and of most excellent flavor. Keeps well and is superior as a table variety. It is well thought of in the south. Pkt. 5c, oz. 10c, 2 oz. 15c, quarter lb. 20c, lb. 50c.

✓ **White Egg**—A quick-growing, egg-shaped, perfectly smooth, pure white variety, growing half out of the ground, with small top and round leaves. The flesh is very



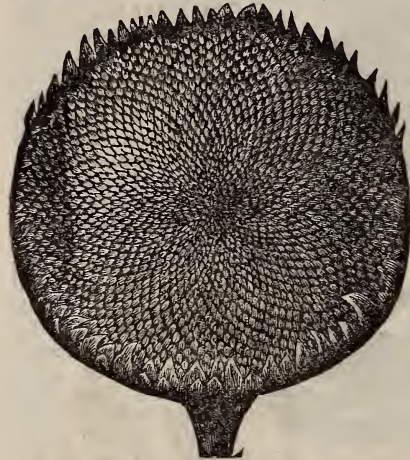
PURPLE TOP MILAN.

sweet, firm and mild, never having the rank, strong taste of some white varieties. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

✓ **Purple Top White Globe**—A variety of the purple top flat turnip, from which it originated. It is globular in form, and nearly as large as the Pomeranian White Globe, of beautiful appearance and most excellent quality. Equally desirable for table or stock. It keeps well, and is a fine market sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb 20c, lb. 60c.

✓ **Early White Flat Dutch**—An early, white-fleshed, strap-leaved variety, usually sown very early in the spring; of quick growth, mild flavor and excellent quality, also grown for a fall crop. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

✓ **Cow Horn, or Long White**—This variety is pure white, except a little shade of green at the top, and is carrot-like in form, growing nearly half out of the ground, and has obtained considerable favor as a market sort for fall and early winter use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.



RUSSIAN SUNFLOWER.

than corn, as any waste piece of ground will suffice. It is the best egg producing food known. Oz. 5c, 1 4 lb 10c; lb. 20c, prepaid. Not prepaid, 10 lbs. 75c, 25 lbs. \$1.00, 100 pounds \$4.00.

✓ **Early Purple Top**—(Strap Leaved) This is an early variety and a great favorite for table use, form flat, like a broad disc in shape and of medium size; color purple or dark red above ground, white below, flesh white, fine-grained and tender; leaves few, entire, upright in growth. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

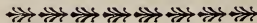
✓ **Yellow Aberdeen**—Of round form, yellow flesh of fine texture, nutritious, and a good keeper. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

## RUTABAGA.

✓ **Shirving's Purple**—Enormously productive; flesh yellow, solid, sweet and one of the best for field culture. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

## Russian Sunflower.

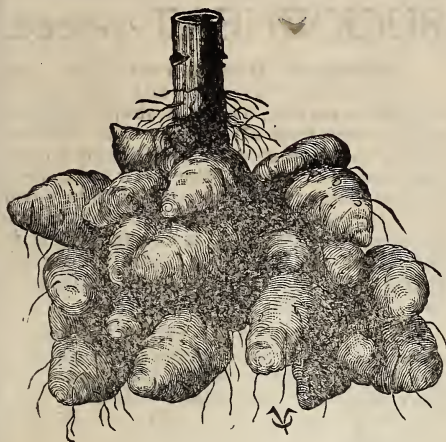
This is highly prized by poultry raisers and farmers as a cheap food for fowls. It is immensely productive, and can be raised cheaper



## WE PAY POSTAGE AND EXPRESSAGE

Except where noted otherwise, on all seeds ordered by the packet, ounce or pound, pint or quart, but positively not by peck or bushel.





JERUSALEM ARTICHOKEs.

you too strongly to buy at once, as the supply is limited. Half bu. 75c, bu. \$1.00, bbl. \$2.00.

## ARTICHOKEs.

**Jerusalem**—The greatest hog food known. Is, without question, the greatest hog fattener in the world. I cannot too strongly urge upon every farmer to plant an acre or more this spring. They are attracting widespread attention on account of their great fattening properties, and the ease with which they can be grown. They may not be dug in the fall. The hogs can be turned in on them and will keep themselves by rooting. They are also an excellent food for cattle, sheep and horses. Well adapted to any soil where corn and potatoes can be grown. The yields are enormous, from 600 to 1,000 bushels per acre; plant in rows same as potatoes, cover about two inches deep. They are not injured by freezing. I cannot urge

## Pop Corn.

**Queen's Golden**—One of the very best and most prolific varieties grown. Its quality and handsome appearance when popped are very noticeable. It pops perfectly white, and a singly kernel will expand to a diameter of nearly one inch. The stalks grow six feet high, and the large ears are produced in abundance. Pkt. 5c, half-pint 15c, pint 20c, quart 35c, by mail.

**White Pearl**—This variety, the ears of which are from six to eight inches in length, is the largest and most productive of this class of corn. Kernels large, rich color, twelve rowed. Pkt. 5c, pint 20c, quart 35c, postage paid.

**White Rice**—A very fine, white variety, ears from four to five inches in length and one to one-quarter in diameter. Kernels clear white, long and pointed at the top, sloping toward tip of ear. Not easy to husk but quite prolific, and especially saleable among the retail grocers. It is very desirable for family use, popping out very large and tender. Pkt. 5c, pint 20c, quart 35c, postage paid.

## BARLEY.

**Mansury Spring**—A six-rowed barley with long, heavy, well-filled heads, containing large, plump grains. Straw bright, very strong, and is not apt to lodge even on the richest lands. Express or freight. Pk. 40c, bu. \$1.25, by mail, lb. 20c.

**Success**—The earliest barley known. Strong, stiff straw, will stand up on any land. Has yielded 80 bu. per acre. The great beauty of this variety is that it is BEARDLESS, as easy to handle as oats. By mail, lb. 20c, 3 lbs. 50c, bu. \$1.25.





## BUCKWHEAT—seed.

**Japanese Buckwheat**—The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct from all others. The color of the kernels is almost distinct, being a rich, dark shade of brown. The straw is heavier, very branchy and does not need to be sown as thickly as other kinds. The quality is excellent and the yield is enormous. It is about one week earlier than the Silver Hull. Pk. 40c, bu. \$1.40. By mail, pkt. 10c, lb. 20c, 3 lbs. 50c.

**Silver Hull**—This variety continues to bloom longer than common buckwheat, and is, therefore, better for bees. The flour is whiter and husks thinner. Pk. 40c, bu. \$1.40. By mail, pkt. 10c, lb. 20c, 3 lbs. 50c.

## BROOM CORN,

**Improved Evergreen**—The best for general cultivation; bushes firm, of good

length, and a bright green color. By mail, 25c per pound, 3 lbs. 60c, postpaid; bu. \$2.00, 2 bu. \$3.75.

## CLOVER SEED.

**I Wish to Call Special Attention to Clover and Timothy Seed, as This is My Big Specialty.**

It is claimed that we produce more clover seed in this county than any other in the state. My facilities for handling clover seed are first-class in every particular. I have an elevator built especially for handling seeds, equipped with a ten-horse-power gas engine and fitted with the latest improved cleaning machinery; large bins for the various kinds and grades of seed. Each bag is carefully inspected on arrival and the different grades are placed in separate bins. The Mammoth Clover seed is always kept separate from the Red Clover. It is our aim to make highest quality a first consideration and then make our prices as low as good, honest seeds can be sold by any one. I wish to call your attention to our choice seed, which has no superior in quality; made up of all perfect grains and each and every grain will surely germinate and insure good crops if given the proper chance—sown in season when the soil is in proper condition to receive the seed. You may be able to buy cheaper seed elsewhere. There is no telling how many dozen different kinds of weeds and wild mustard you will get in such cheap seed—many of which are not discernible with the naked eye. We urge, therefore, upon every customer the advisability of purchasing our choice clover and timothy seed, thereby getting the best that the earth produces. I will gladly mail you sample to test for yourself upon receipt of four cents postage, and you can deduct the four cents when you place your order.

Our shipping facilities are first-class. We have two good railroads, the C. C. C. & St. L. (Big Four) and the Chicago & South-Eastern. We have two express offices, the American and United States. We are located twenty-eight miles northwest of Indianapolis, in Lebanon, "The Garden Spot of Indiana."

When ordering your clover and timothy seed, please include your garden seed, as my prices will be found as low as anyone that will sell you first-class seed.

To my customers I feel grateful for their patronage. From those who never dealt with us we ask a trial order.

Respectfully yours,

**ADOLPHUS WYSONG.**



**Mammoth**—Mammoth Clover, known as English Sapling and Pea Vine, grows five or six feet high, lasts longer than most varieties. It will often grow where other clover fails and is often used for plowing under in exhausted lands. Sow in spring or fall at the rate of ten pounds per acre. Sixty pounds per bushel. Lb. 20c, postpaid. Choice, \$ bu., prime, \$ bu.

**Medium Red, or June**—This is the common red clover in general cultivation, the most important variety for practical purposes sown. When sown alone produces hay of excellent quality, and when sown with other grasses forms a desirable pasture. It is regarded as one of the very best vegetable fertilizers. Sow in the spring or fall at the rate of ten pounds per acre. Sixty pounds per bushel. Pound 20c, postpaid. Choics, \$ bu., prime, \$ bu.

**Alsike**—Alsike, or Swedish Clover, is very valuable for pasturage and very productive, is sweet and fragrant and much liked by bees. It is the most hardy of all clovers, yields an enormous quantity of hay or pasture and can be cut several times in one season. Sow in the spring or fall at the rate of six pounds per acre; 60 pounds per bushel. Ask for prices.

**White Dutch**—A small, creeping, spreading, perennial variety, valuable for pasture and lawns. It accommodates itself to a variety of soils, but prefers moist ground. In conjunction with blue grass it forms a most nutritious food for sheep or cows. Sow in spring at the rate of six pounds per acre, or when used with other grasses half the amount will be sufficient. Pound 40c, 3 pounds \$1.00 postpaid.

**Alfalfa, or Lucerne**—One of the best varieties, succeeding in almost every situation and bearing heavy crops of forage. Will bear cutting three or four times during the season. For bringing up poor land it is the best of the clover, as it not only produces large masses of foliage, but forces its roots down fully three feet into the earth. Sow early in the spring to secure a good stand before winter if to be used for pasture or for curing. Pound 30c, postpaid, 10 lbs. express, \$2.00. Good, new bags, holding 2½ bushels of clover or Timothy seed, will be furnished at 15c each.

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## TIMOTHY.

**Timothy**—Well known and extensively grown in all parts of the country. There is no variety of grass which has come into prominence so much of late years as Timothy. It is the most valuable of all grasses for hay, especially in the north. Farmers are beginning to recognize the fact that there is money in raising Timothy, whether for hay or seed. It thrives best on moist, loamy soils, and produces very heavy crops. Horses are especially fond of this grass. It possesses a larger amount of nutritive matter than most grasses and yields abundantly on favorable soil. Sow early in the spring or fall at the rate of 10 or 12 lbs. per acre if alone, but less if mixed with other grasses. Our seed, as usual, is very fine, and it will pay you to give it a trial; 45 pounds per bushel. Ask for prices.

**Kentucky Blue Grass, Fancy Cleaned**—Sometimes called June. Kentucky Blue Grass is the most nutritious, hardy and valuable of all modern grasses. In connection with white clover it makes a splendid lawn; for this purpose, use four bushels of blue grass and six pounds of white clover per acre. If sown by itself for pasturage about 28 pounds per acre will be required. Sow early in the spring or in October or November; 14 lbs. bu. Fancy clean seed 20c lb. postpaid, per bu. \$1.40.

**Orchard Grass**—This is one of the most valuable and widely known of all pasture grasses, coming earlier in the spring and remaining later in the autumn than any other. It grows about two and a half feet high, producing an immense amount of leaves and foliage. Blooms with red clover and makes with it admirable hay. It is well adapted for sowing under trees or orchards, and very valuable either for grazing or hay; 14 lbs. bu., 2 bu. acre. Pound 20c postpaid, bu. \$1.50.

**Red Top**—A valuable grass for moist soils and low lands. It is a good, permanent grass, standing our climate as well as any other, and consequently well suited to our pastures, in which it should be fed close, for if allowed to grow up to seed the cattle refuse it. On moist, rich soil it will grow two feet, and on poor, gravelly soil about half that height; 14 lbs. bu., 2 bu. to acre. Pound 20c postpaid, bu. \$1.50.

**German, or Golden Millet**—An improved variety, medium early, growing three to five feet high. The heads are closely condensed, though the spikes are very numerous. The seeds are contained in rough, bristly sheaves and are round, golden yellow and beautiful in appearance. Write for prices.

**Hungarian**—This is a species of annual millet, growing less rank, with smaller stalks, often yielding two or three tons per acre. It is very popular and valuable with those who are clearing timber lands. Sow and cultivate like millet. Write for prices.

## Speltz.

**Speltz**—A wonderful new grain that is now attracting great attention. It is neither barley nor oats, but is somewhere between the two, although it resembles wheat, and when ground into flour is somewhat like rye flour. The United States Dept. of Agriculture highly recommends it in Bulletin No. 139, as "a grain for the semi-arid regions. It resists drought and attacks of leaf rust to a great degree. Fall sown varieties are also quite winter hardy. It will produce a fair crop under almost any condition of soil and climate but thrives best in a dry prairie region, with hot summers, where it gives excellent yields. Already the results of the trials of this grain have been so successful, especially in North and South Dakota, as to warrant the opinion that it may become one of our permanent crops for stock feeding." It was brought to this country a few years ago from Eastern Russia, where it had been raised in a limited way for centuries, unknown to the rest of the world. It yields better than either oats or barley, and is, we believe, more desirable than either for feed. It can be fed whole or ground, and is fine for both horses and cattle. We anticipate a great demand for it, as nearly everyone who saw it growing wants some. Place your order early before we are sold out. Sow two bushels per acre and handle in every way just like oats or barley. Pk. 40c., bu. \$1.50, 2 bus. or more, at \$1.25.

## Field Peas.

Each year there is a large increase in the number of our best farmers who sow field pea, and they claim that they are one of most profitable crops for fattening stock, and especially for hogs. Stock eats them with great avidity. Also profitable for marketing as dry or split peas. Sown two bushels to the acre; if with oats one bushel of each. We offer two varieties as follows:

**White Canada**—More used than any other. Pk. 50c, bu. \$1.80.

**Blue or Green**—Like above, except that color is bluish green. Pk. 50c, bu. \$1.90.

**Cow Peas**—The greatest soil improver. Makes poor land rich. Makes good land more productive. Also makes a splendid and nutritious green forage or hay crop, enriching the soil even when the crop is cut off. Leguminous crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea has no superior, especially for medium or light soil. For this class of soil the Cow Pea is superior to clover as a soil improver; it also makes a splendid green food or a most nutritious hay. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas, and if we consider that land improved by the use of clover takes eight months at least, while this, a much heavier crop, is produced in three or four months, their great value is obvious to all. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniate fertilizers. Nitrogen or ammonia as commercial fertilizers is valued at fifteen cents per pound. The Cow Pea, to the greater extent than other leguminous crops, has the power to extract this costly nitrogen or ammonia from the atmosphere. To grow for hay they are most valuable, as they yield an immense quantity of feed of the best quality, and produce the crop in so short a time.

Cow Peas should be sown in May or June at the rate of about one and one-half bushels per acre. The best variety is the BLACK AND CLAY COW PEA. Crop short. Ask for prices.

## Potatoes.

Our crop of potatoes was almost a failure here last season. I will have a complete assortment of seed potatoes some time in February, plenty early for this season's planting. I will have all the leading home and Michigan varieties.



## FIELD CORN AND OATS.

**Improved Leaming**—A popular variety which has given general satisfaction all through the United States. A strong and vigorous grower, stalks heavy and leafy, often bearing two fine ears. In color a rich yellow, grains deep and solid set, a small cob. Thousands of our best farmers think it is the best corn that grows. It has been planted for forty years and has never failed. It is a corn that will be planted for all time to come; it always matures and never has any chaffy corn; can be planted anywhere in the United States. Pk. 50c, half bu. \$1.00, bu. \$1.50, sacks 15c, 10 bu. or more, sacks free.

**Riley's Favorite Yellow Dent Field Corn**—The peculiar point of merit or excellence that is claimed for it is its superior feeding quality and the great amount of shell corn to cob. The cob to Riley's Favorite is so small that it quickly dries out and leaves the germ sound and sweet. In short, we are fully convinced that if its merits were known by all corn growers, there would be such a demand for seed that no one county in the famous corn state of Indiana could supply the demand. Every corn grower should get enough to plant one field or more, and thus get a variety of corn that will increase his crop and correspondingly increase his profit. A few dollars invested in Riley's Favorite Yellow Dent seed corn will bring a larger dividend than farming usually returns. Pk. 50c, half bu. \$1.00, bu. \$1.50, sacks 15c, 10 bu. or more sacks free.

**Boone County White**—This is one of the best white corns that we have any knowledge of. It is a pure white corn, all white cob, grains deep, thick and meaty, well filled out over butt and tip of ear, ears long and uniform from butt to tip; stalks of medium height, thick and strong, seldom ever blows down, is remarkably yieldy. It is regarded here by millers to be the best bread corn in the country. If planted properly it will nearly all be large ears, no chaffy corn. Pk. 50c, half bu. \$1.00, bu. \$1.50, sacks 15c, 10 bu. or more, sacks free.

**Dungan's White Prolific**—This is a remarkably fine, large white corn. It has been improved and brought into its present high standard by a careful system of scientific culture. It is a medium early variety and exceedingly prolific. It is perfectly pure white, all white cobs. Pk. 50c, half bu. \$1.00, 10 bu. or more, sacks free.

**Silvermine Oats**—In 1896 I purchased a quantity of the celebrated Silvermine White Oats of the John A. Salzer Seed Co., of La Cross, Wis. They proved to be all right and have made the largest yield of any variety of oats grown here. They are without a blemish, without a fault or flaw, grow 4 to 5 feet tall, straw stiff and don't fall down, and always yield heavily. You will make no mistake in sowing one or more fields with this magnificent oat. Bu. 75c, 5 or more bu. bags free.

**July Oats**—Oftentimes the only crop that is saved entire and in good condition is the early one. No crop is more susceptible to damage by bad weather than the oat crop. Therefore, the earlier the variety, the less danger of damage and the more valuable, providing hardness, yield and quality are not sacrificed.

In the July Oats we have the earliest variety combined with other good qualities, making it of peculiar and immense value to farmers. These oats ripen in this latitude about July 4th, about two weeks ahead of other sorts. The straw is strong, medium tall heads, medium length, very compact, but contain many grains. The grains are white, plump and heavy, weighing 40 pounds to the bushel in good clean crops. Bu. 75c, 5 or more bu., bags free.

## SWEET PEAS—The New Dwarf Sweet Pea.

**Cupid**—Grows only five inches high. Fancy and solid area of deep green—just as green as Cypress—a carpet of plants only five inches high, spreading out from the roots, so as to meet when the seed is planted two feet apart in rows; then fancy this carpet of deep, living green springing into blossom in one week, all a mass of white, clear, waxy white, Sweet Peas on stems only four inches long, and a hundred on a plant, all white like a mass of snow. Pkt. 5c, oz. 20c.



KATHARINE TRACY.

similar in color to the standard, but deeper at the edge. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 50c.

**Indigo King**—Standard, round, flat, very rich purple maroon; wings very broad and bluer than the standard. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

**Blushing Beauty**—An exceedingly large, perfectly formed and beautifully colored flower. Standard large, very thick and both it and the wings are a peculiar beautiful, delicate, soft, pink. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

**Choice Mixed**—This mixture only of the choicest sorts, new and old, in just the right proportion of white, bright red, pink, mauve and other colors to make the most brilliant show possible in the garden. It is unsurpassed by any mixture offered, and could not be better if we listed it at three times the price. Pkt. 5c, oz. 10c, quarter lb. 15c, lb. 60c.

**Katharine Tracy**—The largest and finest Pink Sweet Pea. This is perfectly formed and unsurpassed in size. Color is soft, brilliant pink throughout. Vines are hardy, and the bloom abundant the whole season. One of the best in size, form and color. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

**Apple Blossom**—Standard rose pink, lighter at the base; wings lighter than the standard. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

**Blancheferry**—Standard medium sized, but of fine form and bright pink; wings large, rounded and nearly white. This variety is recognized as the best of the older and cheaper sorts, either for forcing or the garden. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

**Captain of the Blues**—The bluest of Sweet Peas standard large, broad, bright, purple blue; wings expanded, lighter and brighter blue than standard. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

**Blanche Burpee**—New. A splendid pure white variety. While not so profuse a bloomer or so hardy a plant as some other varieties, the individual flowers are so fine as to make it a desirable sort. Pkt. 5c, oz. 10c, quarter lb. 20c, lb. 60c.

**Butterfly**—Standard — a combination of shades of violet and lavender; it is often notched on the sides. Wings

**Special Offer**—One Packet each of the foregoing ten grandest of all Sweet Peas for only 25c, postpaid.





ALYSSUM.

flowers. Plants grow about 20 inches high each one carrying from ten to twenty flowers. Our strain of seed is of unexcelled quality. White, pkt. 5c, Rose, pkt. 5c, fine mixed and all the above and others, pkt. 5c.

**Balsam**—(Lady's Slippers) Old and well-known favorites with everyone, owing to their gorgeous masses of beautiful, brilliant-colored flowers.

**Mixed**—All colors and varieties Pkt. 5c.

**Cypress Vine**—Among our most beautiful climbing plants, dark green, very graceful, fern-like foliage, thickly studded with brilliant, flowers. Pkt. 5c.

**Cypress Mixed**—All colors, including new and attractive varieties. Pkt. 5c.

**Coxcomb**—Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cock's comb. There are many shapes and colors. Mixed, all colors. Pkt. 5c,

**Bachelor's Button**—This is the widely known and ever popular "Corn Flower," or "Corn Bottle," which, if the seed is sown as soon as the ground is fit in spring, will furnish a profusion of white, blue and pink flowers from July until late in autumn Hardy annual; two to three feet high. Mixed. Pkt. 5c.

**Canterbury Bell**—Handsome, hardy biennial, rich color and profuse bloom. Their large, bell-shaped flowers are freely produced throughout the summer, and are strikingly handsome. Plant about two feet high. Mixed colors. Pkt. 5c.

**Candytuft**—Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Hardy annual; one foot high; mixed colors. Pkt. 5c.

## Choice Flower Seeds

**Ageratum**—Valuable plants for large beds or borders. Choicest colors mixed. Pkt. 5c.

**Amaranthus**—Choicest colors mixed. Pkt. 5c.

**Sweet Alyssum**—An old favorite; as easily grown as a weed. Thrives in flower gardens, window boxes, vases, etc. Flowers white, very fragrant, valuable for cutting, 9 in. Pkt. 5c.

**Antirrhinum (Snapdragon)**—Beautiful spikes of gaily-colored flowers produced abundantly the first summer until after frost. Choicest blotched varieties; best mixed. Pkt. 5c.

## ASTERS.

**Improved Victoria Asters**—having large, double globe-shaped



ASTERS.

**Calliopsis or Coreopsis**—Large, bright flowers; blooms all summer; fine for cutting; also called Bright Eyes. Mixed, all colors. Pkt. 5c.

**Chrysanthemums Annual**—Much grown for cut flowers. The plants grow twelve to eighteen inches high, and produce on long stems beautiful flowers of many bright colors. They flower all summer and make an elegant pot plant for winter flowering. Mixed, embracing all colors. Pkt. 5c.

**Cobae Scandens**—A fine, rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, but rapidly changing to a beautiful, deep violet blue. A well established plant will run fifty feet in a season, covering a large veranda with handsome foliage and tender perennial. Pkt. 10c.

**Cosmos**—Seeds sown in April or May and transplanted to open ground will produce plants five to six feet high by September, and from then to November will be covered with hundreds of blossoms three inches across, resembling single dahlias. All colors, mixed. Pkt. 5c.

**Marguerite Carnation**—This new class of Marguerite Carnations will bloom about four months after sowing the seed. The flowers are brilliant colors, ranging through many shades of red, pink, white, variegated, etc., exquisitely sweet and fully 80 per cent perfectly double. The plants succeed alike in the open garden or in pots. Seed sown early in the year will give an abundance of flowers in July. Sown in May and kept pinched back, you will have fine flowers late in the fall until checked by hard frosts. Sown in the autumn, the flowers will be in bloom early in the spring. Thus, by planting at different seasons, flowers can be had all the year round. Pkt. 5c.



FORGET-ME-NOT.

**Four O'Clock**—The plants are large and require four feet of space. The flowers are funnel-shaped, white, red and striped, very fragrant, and open about 4 o'clock in the afternoon, remaining open all night, and generally perish about noon the next day. Will grow in any common garden soil, from seed sown in open ground. Hardy annual, two feet high; mixed colors. Pkt. 5c.

**Gourds**—A tribe of climbers with curiously shaded fruit in various colors. Being of rapid growth, they are fine to cover all fences, trellises, stumps, etc. The foliage is quite ornamental. Tender annual; ten to twenty feet high. Pkt. 5c.

**Larkspur**—The Larkspur is one of the handsomest and most useful of plants, and for the large gardens is invaluable. Mixed, hardy annual. Pkt. 5c.

**Marigolds**—These popular, bright, showy flowers only need the slightest care to do well and blossom freely. Pkt. 5c.

**Eschscholtzia (California Poppy)**—Very attractive plants for beds, edging or masses. Very profuse in flowering and foliage fine. Bloom from June until frost. Hardy annual, one foot high. Mixed, all colors, choice and bright. Pkt. 5c.

**Forget-Me-Not (Myosotis)**  
—An old favorite. It flourishes best in a moist, shady situation and is in a good constant bloom nearly the whole season. Fall sown seed will flower in early spring. If sown in boxes in the house early will flower the first season. Six to twelve inches, Pkt. 5c.

All Seeds by Ounce or Package Sent Postpaid at Prices  
Given, Except where Otherwise Noted.





MIGNONETTE.

rose-pink, white, etc.; extra double, mixed.

**Mignonette**—A well known hardy annual, producing dense, semi-globular spikes of exceedingly fragrant flowers. It is so fragrant that the whole atmosphere around is perfumed. If sown at intervals in the spring and early summer, it will be in bloom till killed by frosts. Seed sown in autumn will bloom early in spring. Hardy annual; one foot high; choice mixed. Pkt. 5c.

**Nasturtium (Tall)**—This well known annual is one of the best for trellis and arbor decorations; flowers of a great variety of rich colors, striped and spotted with different shades. Is excellent for vases and baskets, also does finely grown in beds without trellis support; produces an abundance of flowers from first of July until frost. Tall mixed. Pkt. 5c.

**Nasturtium (Dwarf)**—A bed of dwarf Nasturtiums forms an attractive feature in the flower garden. It is hardy annual, grows about one foot high, and will blossom all the season. If the soil is not too rich the flowers will be more brilliant. Dwarf mixed. Pkt. 5c.

**Hollyhock**—An old popular favorite; flowers form perfect rosettes of the most lovely shades of yellow, crimson, Pkt. 5c.



NASTURTIIUM.

**Mourning Bride**—The plants produce a profusion of large, double flowers of striking shades of color, which are very useful in making bouquets. Hardy annual; about one foot high; choice mixed. Pkt. 5c.



PANSY.

color, fragrance and continuous blooming. I offer only the choicest sorts in one grand mixture. Pkt. 5c.

**Poppies**—Large showy, brilliant colored flowers, growing freely in any garden soil. Produce a fine effect in clumps or beds. Finest mixed; all colors and varieties. Pkt. 5c.

**Dianthus, or Pink**—Garden Pinks, like their relatives, the Carnations, are flowers for everybody. They thrive in any soil, grow ten to fifteen inches high and are covered from early summer until overtaken by frost, with beautiful, sweet-scented flowers in various colors; variegated, striped, red, and some almost black. Splendid for bouquets. All bloom the first season, and some endure our winters, bloom again another year larger and more beautiful than before. With these good qualities they should have a place in every garden. Pkt. 5c.

**Imperial**—Blood red, ground striped with pink white. Different from other striped sorts. Pkt. 5c.

**Morning Glory**—This well known annual is one of the most popular climbers. Of rapid growth, soon covering a fence or trellis with abundant foliage and bright flowers. A great variety of colors and shades; hardy annual; mixed colors. Pkt. 5c.

**Pansy**—These lovely flowers are favorites with all, not only for the brilliancy and variety of their colors, but for the durability of their bloom. Pkt. 5c.

**Prize Pansy Mixture**—The best pansies for bedding. Almost an endless variety of all shades and colors, including such famous sorts as cardinal red, peacock blue, light and dark marbled and five spotted. They are all of sturdy and even growth. Pkt. 5c.

**Petunia**—The Petunia is the people's flower. Succeeds well everywhere. They are showy in beds or masses. Are universal favorites on account of their richness of



PETUNIA.

CLOVER AND TIMOTHY SEED A SPECIALTY.





CHINA PINK.

**Ricinus, or Castor Oil Bean**—Planted on the lawn it makes a perfect pyramid of foliage, with gigantic leaves. Ornamental until killed by frost; mixed. Pkt. 5c.

**Stock, Ten Weeks**—Desirable as pot plants, as well as in the open garden. I offer choicest colors in one grand mixture of crimson, yellow, rose, blue, white, brown, golden, etc. Pkt. 5c.

**Portulaca**—There are scarcely any flowers in cultivation that makes such a dazzling display of colors as a bed of Portulacas. They are in bloom from about the first of July until killed by frost in autumn. Tender annual; about six to eight inches high. Single, fine mixed, pkt. 5c; double, mixed 10c.

**Sweet William**—As now improved they make matchless border plants. A splendid strain of all bright colors, of single and double varieties. Pkt 5c.

**Wild Cucumber Vine**—The most rapid growing vine we know of. Splendid for covering old trees, fences, etc. Will grow thirty feet in one season. Dense, graceful foliage, thickly dotted with white, fragrant flowers. Pkt. 5c.

**Double Flowering Pink**—China for India. Large flowers as double and fragrant as a carnation. Many colors mixed. Pkt. 5c.

**Phlox (Drummondii)**—Very hardy annuals, thriving in almost any situation, and unequalled in the magnificent display of their many and brilliant colored flowers. Seed sown in open ground in fall or early spring will begin flowering about the first of July and remain literally covered with bloom until after severe frosts late in autumn. For masses of separate colors or for cutting for bouquets they are unsurpassed. One foot high. Fine mixed, Pkt. 5c.

**Verbena**—No plant is more generally cultivated, or more deservedly so than the Verbena, as no plant excels it for masses in beds on the lawn. In the varieties may be found every color except yellow. If sown in open ground in May they will bloom in August, but if started in the house in pots, in winter, they will be in bloom sooner. Half hardy perennial trailer; one foot high; choice mixed. Pkt. 5c.



MAMMOTH VERBENA.

**Zinnia**—A very showy plant, with large, double flowers, which, when fully expanded, form hemispherical heads, become densely imbricated and might easily be mistaken for dwarf dahlias. Half hardy annual; about eighteen inches high. Choice mixed, all colors. Pkt. 5c.

## Summer Flowering Bulbs and Plants

**Caladium Esculentum**—Known as Elephant's Ears. One of the finest tropical plants which can be grown in the open air in the north. It can be made to produce three to ten leaves three to four feet long and nearly as wide, on stalks four to six feet high. It is of easy culture, the chief requisite being an unlimited supply fertilizer and water. You cannot make the soil too rich or keep it too wet for the plant. Very affective for the flower and for planting out upon the lawn.



ZINNIA.



GLADIOLI.

First Size Bulbs, nine inches and over in circumference, by mail, 25c. Second Size Bulbs, 7 to 9 inches in circumference, by mail, 20c.

**Cinnamon Vine**—A fine hardy climber and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible like a sweet potato. The vine is a beautiful rapid grower, producing sweet-scented flowers. Each 5c; six for 25c, by mail.

CALADIUM ESCULENTUM.  
Each 5c; six for 25c, by mail.

**Maderia, or Mignonette Vine**—A beautiful climber, of rapid growth, adapted to outdoor growth in summer or the house in the winter. It completely covers itself with long racemes of deliciously fragrant white flowers. Tubers should be kept in cellar over winter. Each 5c; dozen 50c.

**Gladioli**—These showy flowers are very easily raised, and, with their tall spikes and brilliant





AURATUM.

colors of almost every variety, simple and blended, make one of the most magnificent displays of the flower garden. By planting from May until July, a continuous succession of flowers will be secured. Plant in rows one foot apart, six inches apart in the row and two inches deep. All colors; mixed, by mail, 5c each; 25c doz.

**Dahlia**—The Dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect, and the range of colors so large and varied that they will always be popular where display is wanted. The roots are tender and easily injured by frost. They should be set out three feet apart, after all danger of frost is over, and during winter placed in a cool cellar, and not allowed to freeze. The plants should be supported by tying to stakes. Double pink, scarlet, white and yellow, each, by mail, 20c.

**Lilium Auratum**—(The Golden Rayed Lily of Japan.) This peerless variety is beyond question the grandest of all the Lily family. The flowers are pure white thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Flowers measure nearly a foot across, produced abundantly; deliciously fragrant, two to five feet. First size bulbs 15c, three for 40c, postpaid; not prepaid, large bulbs 10c each; dozen \$1.00.

**Album**—This Lily is a pure white and very fragrant variety, with beautiful recurved petals. A very fine sort. Each 15c, dozen \$1.50, prepaid; not prepaid, 10c each, dozen \$1.00.

**Rubrum**—White ground with band and spots of rose or crimson on each petal. One of the best Lillies. We have a splendid stock of this very hardy and beautiful kind. Each 15c, dozen \$1.50, postpaid; not prepaid, each 10c, dozen, \$1.00.

**Cannas**—Few of any flowers that are produced from tubers will give such a strikingly beautiful effect as these trusses of Cannas when in bloom. Early in June they come into flower and continue until late in September. Cannas are the most popular decorative plants of the day. Strong, dry roots, 15c each; 10 for \$1.00, postpaid.

**TUBE ROSES.** Pure white, waxy flowers. Extremely fragrant. Only large, fine, double blooming bulbs will be sent.

**Tall Double**—Three to five feet high, strong and free blooming. Prepaid, 6 for 20c; per dozen, 35c.

**Pearl**—Larger, better and more flowers produced by this sort than the old variety. Stems short, from two to three feet high. Prepaid, 6 for 20c; dozen 35c.

**Moonflower**—The true Moonflower is the most vigorous of all summer climbers; a single plant can easily be made to cover, by August 15, a trellis thirty to fifty feet high and six feet broad, with a dense mass of leaves, studded every night or cloudy day with hundreds of beautifully white and wax-like flowers, four to six inches in diameter. Height 30 to 50 feet, tender annual. Pkt. 5c.

**Coleus**—Probably there is no other kind of foliage plant so well known and universally admired as the Coleus. It is one of the most beautiful of our variegated perennial plants for the green house or garden decoration, ribbon beds, etc.; of rapid growth and easy culture. Tender perennial; height 1 to 2 feet. Pkt. 5c.

## Our Bargain Flower Seed Collections.

### Our 12-Cent Bargain Postpaid.

Contains one full size packet each of Sweet Alyssum, Mignonette mixed, Morning Glory, Pansy mixed, Sweet Peas mixed, five packets with culture directions on each packet.

### Our 25-Cent Bargain Postpaid.

Contains twelve full-sized packets of choice flower seeds, handsomely illustrated in colors, with reliable cultural directions upon each packet, as follows: Aster, choice mixed; Balsam, mixed; Pinks, Chinese mixed; Four O'clock, fine mixed; Petunia, choice mixed; Phlox, mixed; Poppy, finest mixed; Sweet Peas, large flowering mixed; Verbena, splendid mixed; Sweet Alyssum, Marigold, mixed.

### Our 50-Cent Bargain Postpaid.

Contains twenty-five packets of choice flower seeds as follows: Pansy, large flowering mixed; Carnations, Pinks mixed; Forget-Me-Not; Phlox, mixed; Sweet Alyssum; Verbena choice mixed; Ageratum, fine mixed; Aster, mixed; Balsam, mixed; Calliopsis, mixed colors; Cosmos, choice mixed; Canterbury Bells; Cypress Vine, mixed; Candytuft, fine mixed; Mignonette; Nasturtium, dwarf mixed; Petunia, choice mixed; Poppy, finest double mixed; Portulaca, mixed; Sweet Peas, mixed; Nasturtium, tall mixed; Zinna, mixed; Four O'clock, mixed; Stocks, mixed; Morning Glory, mixed.

### \$1.00 Bargain.

Forty packets of your own selection of Sweet Peas and flower seeds from this catalogue by mail, postpaid, \$1.00.

## Special Offer.

### A Complete Vegetable Garden for \$1.00—34 Packets.

- 1 pkt Golden Wax Beans.
- 1 pkt Early Eclipse Beet.
- 1 pkt Cabbage, Early Summer.
- 1 pkt Cabbage, Surehead.
- 1 pkt Cauliflower.
- 1 pkt Carrot, Ox Heart.
- 1 pkt Celery, White Plume.
- 1 pkt Corn, Stowell's Evergreen.
- 1 pkt Corn, Early Minnesota.
- 1 pkt Cucumber, Early Cluster.
- 1 pkt Cucumber, White Spine.
- 1 pkt Lettuce, St. Louis Market.
- 1 pkt Lettuce, Black Seeded Simpson.
- 1 pkt Watermelon, Dixie.
- 1 pkt Watermelon, Kolb's Gem.
- 1 pkt Muskmelon, Osage.
- 1 pkt Muskmelon, Early Hackensack.

- 1 pkt Onion, Yellow Globe Danvers.
- 1 pkt Onion, Prizetaker.
- 1 pkt Pepper, Ruby King.
- 1 pkt Parsley, Moss Curled.
- 1 pkt Pumpkin, Sugar.
- 1 pkt Parsnip, Hollow Crown.
- 1 pkt Peas, Champion of England.
- 1 pkt Peas, First and Best.
- 1 pkt Radish, Early Long Scarlet.
- 1 pkt Radish, Early Scarlet Turnip.
- 1 pkt Spinach, Bloomsdale.
- 1 pkt Squash, Summer Crookneck.
- 1 pkt Squash, Hubbard.
- 1 pkt Tomato, Ponderosa.
- 1 pkt Turnip, Purple Top Milan.
- 1 pkt Turnip, Purple Top White Globe.
- 1 pkt Salsify, or Vegetable Oyster.

### 16 Packets of Choice Vegetable Seeds for 50c, Postpaid.

- 1 pkt Beets, Early Blood Turnip.
- 1 pkt Beans, Golden Wax.
- 1 pkt Cabbage, All Seasons.
- 1 pkt Carrot, Danvers.
- 1 pkt Celery, Golden Self-Blanching.
- 1 pkt Corn, Stowell's Evergreen.
- 1 pkt Cucumber, White Spine.
- 1 pkt Lettuce, Early Curled Simpson.

- 1 pkt Muskmelon, Osage.
- 1 pkt Watermelon, Sweetheart.
- 1 pkt Onion, Yellow Danvers.
- 1 pkt Radish, French Breakfast.
- 1 pkt Peas, Telephone.
- 1 pkt Tomato, Perfection.
- 1 pkt Squash, Hubbard.
- 1 pkt Turnip, Early Purple Top Milan.

### 8 Packets Choice Vegetable Seeds for 25c, Postpaid.

- 1 pkt Beet, Eclipse.
- 1 pkt Cucumber, Early Cluster.
- 1 pkt Lettuce, Hanson.
- 1 pkt Radish, Chartier.

- 1 pkt Cabbage, Early Jersey Wakefield.
- 1 pkt Muskmelon, Netted Gem.
- 1 pkt Onion, Yellow Danvers.
- 1 pkt Tomato, Livingston Beauty.

No discount or changes allowed on vegetable and flower seed bargains.



## "Planet Jr." Tools for 1902.

Space will not permit our showing and describing all the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it. Great improvements have been made for 1902.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It covers and rolls down light or heavy and marks the next row clearly. Hopper holds  $2\frac{1}{2}$  quarts; it runs light and sows equally well with a full hopper or a tablespoonful of seed. The accurate hill dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. Price, \$10.00.

### "PLANET JR." No. 3

#### Hill Dropping Seed Drill



The accurate hill dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. Price, \$10.00.

### The "PLANET JR." No. 4

#### Combined Hill Dropping Seeder and Single Wheel Hoe



This admirable tool combines in single convenient implement a capital hill dropping seeder, a hoe, a cultivator, a rake and a plow. It holds 3 pints and as a seeder is like No. 3, sowing in continuous rows or dropping in hills at any distance. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow cultivator or rake. It is useful

almost every day of the season at every stage of garden work. With this one implement the small farmer can do practically all the work in this small crop. Price complete, \$10 00; as a seeder only, \$8.00.

This perfect wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of tools are made with the greatest quickness. It has 11-inch wheels which can be set at four different distances apart; the frame is malleable with ample

### "PLANET JR." No. 11

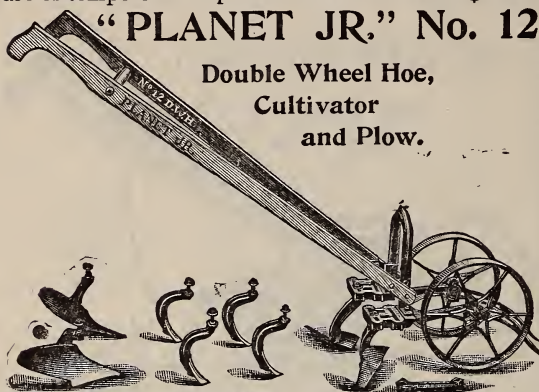
#### Double Wheel Hoe, Cultivator, Rake and Plow.



room for tool adjustment and can be set at three different heights. The handles are adjustable at any height, and being attached to the arch, are undisturbed in making changes of adjustment in frame, wheel or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tool to be changed without removing the nuts. Seven pairs of tools as shown in the cut, go with the wheel hoe. All the blades are of tempered and polished steel. **Price \$8.50.**

## "PLANET JR." No. 12

**Double Wheel Hoe,  
Cultivator  
and Plow.**



This latest and best single wheel hoe, improved for 1902. It has 11-inch wheel with broad face; it is very light, strong and easy running. It has adjustable handles and quick change frame. The frame changes in height, and the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage. **\$5.50.**

No. 17 is identical with No. 15, but has only a pair of 6-inch hoes, a plow and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time. **Price \$4.75.**

## "PLANET JR." No. 17

**Single Wheel Hoe,  
Cultivator  
and Plow.**



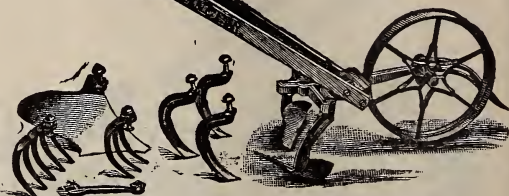
This tool is identical with No. 11 Wheel Hoe, except that it has fewer attachments and is sold at a correspondingly less price. The tools show with No. 12 are what gardeners use most, and the others can be added as wanted. **\$6.50.**

## Double Wheel Hoe. NO. 13.

This tool is the No. 11, with 6 inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 11 may be added at any time and are sure to fit. **Price \$4.50.**

## "PLANET JR." No. 16

**Single Wheel Hoe,  
Cultivator, Rake  
and Plow.**



## NO. 18

**Single Wheel  
Hoe.**

This tool has the same frame and handles as No. 15, but has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. All the other tools can be added as needed. **Price \$3.25.**



## How to Build and Manage Hot-Beds.

For early vegetables, some provision for starting certain plants earlier than can be done in the open air is desirable; for this purpose nothing is better than a good hot-bed, and its construction is so simple and the expenses so slight that every garden should have one. A hot bed proper not only protects the plant from the cold, but supplies bottom heat. By this term the gardener means that the soil is constantly kept several degrees warmer than the air above, that being the condition so far as heat is concerned, which is most favorable for rapid and vigorous growth, and gardeners usually secure it by making a compact pile of some fermenting material and covering it with the earth in which the plants are to grow.

**Heating Material**—The best heating material that is easily available is fresh horse manure, containing a liberal quantity of straw bedding. Such manure, if thrown into a loose pile, will heat violently and unevenly and will soon become cold. What is wanted in hot-beds is a steady and moderate but lasting heat. To secure this, the manure should be forked over, shaken apart, and if dry, watered and allowed to stand a few days and then be forked over again, piled and allowed to heat a second time, the object being to get the whole mass into a uniform degree of fermentation, and as soon as this is accomplished it is fit for use.

**Sash**—Some gardeners use sash made especially for hot-beds and glazed with small lights cut from odds and ends and so furnished at very low rates. Such sash can usually be procured in any of our large cities, and cost much less than if made to order. For garden use, however, we much prefer a smaller sash that can be easily handled, and the use of larger and better glass. We would recommend that for home gardens, the sash be about two and one half by four or five feet, and that the glass be not less than 10x14, laid with not more than one-quarter inch lap. In giving the order to one unaccustomed to the work, it would be well to state what they are to be used for, and that they need to be made like skylight sash.

**The Frame**—This may be made of sound one-inch lumber, the back twelve to fourteen inches high, the front ten to twelve. It should be well fitted to the sash so as to leave as little opening as possible and yet allow the sash to be easily moved up and down, even when the frame is quite wet.

**The Soil**—This should be light, rich, friable. Any considerable amount of clay in it is very objectionable. If possible, it should be unfrozen when put into the bed; for this reason it is much better to prepare it the fall before, and cover the pile with enough coarse manure or straw to keep out the frost.

**Making the Bed**—This requires careful attention, as future success depends largely upon the manner in which this work is done. Having cleared away snow and ice, build a rectangular bed one foot larger each way than the frame to be used, carefully shaking out and spreading each forkful and repeatedly treading down the manure so as to make the bed as uniform as possible in solidity, composition and moisture. It is of the utmost importance that this shaking apart and evenly pressing down of the manure should be carefully and thoroughly done; unless it is, one portion will heat quicker than the other, and the soil will settle unevenly, making it impossible to raise good plants. The proper depth of the bed will vary with the climate, season and the kind of plants to be raised. A shallow bed will quickly give a high temperature which will soon subside; a deeper one, if well made, will heat more moderately, but continue much longer. For general purposes, a bed about two feet deep will be best.

The bed completed, the frame and sash may be put on and fresh manure carefully packed around the outside to the very top (if the weather is at all severe, this outside banking should be replenished as it settles.) The bed should then be allowed to stand with the sash partially opened for a day or two to allow the steam and rank heat to pass off. The earth should then be put on and carefully leveled. Care should be taken that the soil is dry and friable. If wet or frozen soil must be used, it should be placed in small piles until well dried out before spreading. The heat at first will be quite violent, frequently rising to 120 degrees; but it soon subsides, and when it recedes to 90 degrees the seed may be planted. The importance of using dry soil and allowing the first rank heat to pass off is very great. Every season thousands of hot-beds fail of good results from these causes, and seedman are blamed for failure resulting from overheat, or wet, soggy soil.

**Management of the Bed**—The essentials for success are a steady uniform

degree of heat and moisture; keeping the soil at all times a few degrees warmer than the air, and the careful "hardening off" (by exposure to the air and diminishing the supply of water) of the plants before transplanting into the open air. Simple as these may seem to be, there are many difficulties in the way of securing them, prominent among which are overheating the air under a bright sun. Without experience one would scarcely believe how quickly the temperature inside of a well-built hot-bed will raise to 90 or 100 degrees upon a still, sunny day, even when the temperature outside is far below freezing, or how quickly the temperature will fall to that outside, if upon a windy, cloudy day the sash is left open even so little. A rush of cold air driven over the plants is far more injurious than the same temperature when the air is still. Again, in cloudy weather, a bed will be several days without watering, but will dry up in an hour when open on a sunny day. The details of management, however, must be learned by experience, but may be easily acquired by one who gives the matter careful attention, keeping constantly in mind the essentials given above.

**A Cold Frame**—Is a simple construction of boards for wintering over young plants, Cabbage, Lettuce, Cauliflower, Brocoli, etc., and is so extremely useful to protect and harden off plants from the greenhouse or hot-bed before fully exposing them in the open air.

Select a dry, southern exposure, from a frame from four to six feet wide and as long as required. The back should be fourteen to eighteen inches high, and the front eight to twelve, with a cross-tie every three feet. The frame may be covered with sash or cloth. Seeds of the vegetables to be wintered sown in open border early in September, will be ready to plant in cold frames about the last of October. The soil should be well prepared and smoothly raked before planting. Admit air freely on pleasant days, but keep close in severe weather.

These frames are particularly useful in the south, and may be covered more cheaply with cloth shades than by sash. The shades are made as follows: Make light but strong wooden frames to fit over the bed, and of a width to receive some common brand of cotton cloth. The cloth may be unbleached and should be stretched over and securely tacked to the frames. We have found that Plant-Bed Cloth, which we have for sale, is superior to any ordinary cloth for this purpose.

**Transplanting**—In transplanting, the main points to be regarded are: Care in taking up the plants so as to avoid injury to the roots, planting firmly so as to enable the plant to take a secure hold of the soil, reducing the top to prevent evaporation, and shading to prevent the hot sun from withering and blighting the leaves. In transplanting from a hot bed, harden the plants by letting them get quite dry a day or two before, but give an abundance of water a few hours before they are taken out. It is most apt to be successful if done just at evening, or immediately before or during the first part of a rain, about the worst time being just after a rain, when the ground being wet it is impossible to sufficiently press it about the plant without its baking hard. If water is used at all it should be used freely, and the wet surface immediately covered with dry soil.

**Watering**—The best time to water plants is between sunset and sunrise. Water may be given to the roots at any time, but should never be sprinkled over the leaves while they are exposed to bright sunshine. If watering a plant has been commenced, continue to supply it as it is needed, or more injury than good will result from what has been given. One copious watering is better than many scanty sprinklings. The ground should always be stirred with a hoe or rake as soon after watering as it can be done without making the soil muddy.

## WE SELL PRATT'S POULTRY AND STOCK FOOD.

PRATT'S POULTRY FOOD will keep hens in good health and cure chicken cholera and other diseases of chickens and turkeys. It is a splendid egg food, endorsed by leading poultry raisers. It makes large fowls, quickens the growth of young chicks, and sickly broods are never seen where it is used. Per 5-lbs pkg 60c; 26 oz pkg 25c.

STOCK FOOD for horses, cattle, hogs and sheep will keep them in the best of condition.

PRATT'S ANIMAL REGULATOR 25c. Pkg 50c; 12-lb pkg 75c.



[illegible]





# THE LITTLE GIANT SEEDER.

No. 3.—\$1.75.

**T**HIS is the best and cheapest crank seeder made, in the quality of work done and durability.

The gearing is rigid, being in an iron frame. It will not get out of order nor be affected by dampness of the weather.

The agitator, or force feed, is such that the Little Giant does not require seed to be cleaned, and will sow orchard or blue grass.

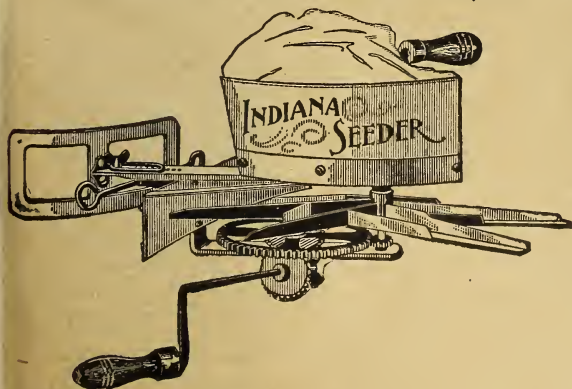
It will distribute all kinds of Fertilizer, Land Plaster and Ashes. Flax and Clover Seed thirty-six feet to the round; Wheat fifty feet to the round; Buckwheat forty-six feet to the round; Barley forty feet to the round; Timothy Seed twenty-seven feet to the round; Oats thirty-six feet to the round.



LITTLE GIANT NO. 3.

**Don't Pay \$5.00 for a Seeder** when you can get its better for less money. No. 1, \$1.25. This Seeder, when first invented, sold for \$15.00. This Seeder has a steel bow, swinging movement, and malleable cast iron brace, being the only Seeder made having an iron frame, force feed and pressed distributing wheel, hand hold on the side and no feed plate to carry. See it and you will be convinced. No farmer who has used one would do without it for five times its cost. Has no equal.

## THE INDIANA BROADCAST SEEDER.



The Best on Earth  
The Handsomest  
in Appearance.  
Lightest Running.  
Most Durable and  
Sells at Sight.  
Nothing Ever Man-  
ufactured to  
Compare With It.

Cast Iron Bevel Wheels, Sheet Steel Hopper, Heavy Tin Fan, Steel Balance. Holds one-half bushel of seed. Price \$1.50



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